Canadian Intellectual Property Office
An Agency of Industry Canada

Office de la propriété intellectuelle du Canada
Un organisme d'Industrie Canada

ISSN-1712-4034

# The Patent Office Record

# La Gazette du Bureau des brevets

Vol. 144 No. 23 June 7, 2016

Vol. 144 No. 23 le 7 juin 2016

Canada

CIPO OPIC

# THE CANADIAN PATENT OFFICE RECORD
# LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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# Notices

## 1. Dates and Code Numerals Appearing in Patent Headings

### Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

### Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention
[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date ( Re-Issued, Re-Examined )
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

# Avis

## 1. Dates et chiffres de code figurant à l'entête des brevets

### Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

### Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction ( Redélivrance, Réexamen )
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

## 2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

## 2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

## 3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

| | |
|---|---|
| Item 25.1* On requesting copy in electronic form of a document: | N/A |
| a) for each request | $10 |
| b) plus, for each patent or application to which the request relates | $10 |
| c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first | $10 |
| d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes | $10 |

## 3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

| | |
|---|---|
| Article 25.1* Demande d'une copie d'un document sous forme électronique : | S.O. |
| a) pour chaque demande | 10 $ |
| b) pour chaque demande de brevet ou brevet visé par la demande | 10 $ |
| c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel | 10 $ |
| d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur | 10 $ |

## 4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

## 4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

## 5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

## 5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

## 6. Licensing of Patents

**Voluntary Licences**
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

**Compulsory Licences**
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

## 6. Octroi de licences en vertu des brevets

**Licences librement accordées**
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

**Licences obligatoires**
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

## 7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

## 7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

## 8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,672,482 (Published May 17, 2016)

## 8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,672,482 (Publié le 17 mai 2016)

## 9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

## 9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

## 10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

## 10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

## 11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After December 29, 2015

| | | |
|---|---|---|
| 1. | **Transmittal Fee** (Rule 14) | **$300** |
| 2. | **International Filing Fee** | **$1782*** |
| | For each additional sheet over 30 | **$20** |
| 3. | **International Search Fee** | **$1600** |

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

## 11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 29 décembre 2015

| | | |
|---|---|---|
| 1. | **Taxe de transmission** (Règle 14) | **300 $** |
| 2. | **Taxe de dépôt internationale** | **1782 $*** |
| | Pour chaque feuille au delà de 30 | **20 $** |
| 3. | **Taxe de recherche internationale** | **1600 $** |

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

**4. Late payment fee**
**50% of the fees that are due, or,**
**Minimum: Transmittal fee**
**Maximum: 50% of the international filing fee**

**Preliminary Examination**

**5. Handling fee** (Rule 57.2(*a*)) **$268**

**6. Preliminary examination fee** (Rule 58) **$800**

* International fees will be reduced by:

- **$135** for all applications filed using PCT-EASY,
- **$268** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$402** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

**4. Taxe pour paiement tardif**
**50% du montant impayé, ou,**
**Minimum : taxe de transmission**
**Maximum : 50% de la taxe de dépôt international**

**Examen préliminaire**

**5. Taxe de traitement** (Règle 57.2*a*)) **268 $**

**6. Taxe d'examen préliminaire** (Règle 58) **800 $**

* Les frais seront réduits de:

- **135 $** pour toutes les demandes déposées en utilisant PCT-EASY,
- **268 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **402 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

## 12. PCT Notices

### Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

## 12. Avis PCT

### Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

## 13. Practice Notice

### STATUTORY HOLIDAYS *(DIES NON)*

**Note:** *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

**Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts***

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

**Time limits under the *Patent* and *Trade-marks Acts***

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trademark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts.*

## 13. Énoncé de pratique

### JOURS FÉRIÉS (*DIES NON*)

**Nota :** *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

**Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés***

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

**Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce***

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

## Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

## Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

## Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

## Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

> * If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

> * Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

## 14. Practice Notice

### LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

**Note:** *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

## 14. Énoncé de pratique

### LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

**Nota :** *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

## 15. Correspondence Procedures

May 24, 2016

**This notice will replace all previous notices regarding Correspondence Procedures.**

**Note:** *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

**Note regarding Fee Payment Forms:** The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

## 15. Procédures de correspondance

le 24 mai, 2016

**Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .**

**Nota :** *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

**Note concernant le formulaire de paiements:** Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

## 1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

## 1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

**2. *Registered Mail™* and *Xpresspost™* Service of Canada Post**

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the *Registered Mail ™* and *Xpresspost™* services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the *Registered Mail ™* and *Xpresspost™* services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

**2. Service *Courrier recommandé MC* et *Xpresspost MC* de Postes Canada**

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandé MC* et *Xpresspost MC* de Postes Canada sont des établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services *Courrier recommandé MC* et *Xpresspost MC* de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

**3. Electronic Correspondence**

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

**3. Correspondance électronique**

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

national phase will not be accepted.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

### 3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

*Patents*

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

### 3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

*Brevets*

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

### 3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

### 3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

### *Patents*

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

### *Brevets*

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

### Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

### Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

**Note:** Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

**Note:** La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

### *Trade-marks*

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

### *Marques de commerce*

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

*Copyright*

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

*Droits d'auteur*

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

*Industrial Designs*

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

*Dessins industriels*

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

*Integrated Circuit Topographies*

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

*Topographies de circuits integers*

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

**3.3 Electronic Medium**

*Patents*

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

**3.3 Supports électroniques**

*Brevets*

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

**Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings**

Pursuant to *PCT Rules 89bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

**Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences**

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

**Electronic Media accepted by the Patent Office**

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

**Supports électroniques acceptés par le Bureau des brevets**

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

**4. Details concerning the electronic formats accepted**

***Patents***

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

**4. Précisions concernant les formats électroniques acceptés**

***Brevets***

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

***Industrial Design***

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

**5. General Information**

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

***Dessins industriels***

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

**5. Renseignements généraux**

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

## 16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of June 7, 2016 contains applications open to public inspection from May 22, 2016 to May 28, 2016.

## 16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 7 juin 2016 contient les demandes disponibles au public pour consultation pour la période du 22 mai 2016 au 28 mai 2016.

## 17. Notice of removal from the register of patent agents

The Commissioner of Patents removed the following patent agents and/or firms from the register of patent agents in error. The following patent agents and/or firms are, and always should have been, in good standing:

| Agent/Firm Identification Number | Name |
|---|---|
| 11638 | BURNET, DUCKWORTH & PALMER LLP |

## 17. Avis concernant le registre des agents de brevets : supprimer le nom de certains agents et/ou des entreprises

La commissaire aux brevets a révoqué par erreur du registre des agents de brevets, les agents de brevets et/ou les maisons d'affaires nommés ci-dessous. Les agents de brevets et/ou les maisons d'affaires suivants sont en bonne et due forme et auraient dû toujours être considérés comme tel:

| Agent/Firme Numéro d'identification | Nom |
|---|---|
| 11638 | BURNET, DUCKWORTH & PALMER LLP |

# Canadian Patents Issued

**June 7, 2016**

# Brevets canadiens délivrés

**7 juin 2016**

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[11] **2,229,043**
[13] C
[51] **Int.Cl. C40B 40/08 (2006.01) A61K 45/00 (2006.01) C07K 1/04 (2006.01) C07K 16/00 (2006.01) C07K 19/00 (2006.01) C12N 15/10 (2006.01) C12N 15/13 (2006.01) C12N 15/62 (2006.01) C12Q 1/68 (2006.01) C40B 30/00 (2006.01) C40B 40/02 (2006.01) C40B 50/06 (2006.01)**
[25] EN
[54] **PROTEIN/(POLY)PEPTIDE LIBRARIES**
[54] **BANQUES DE PROTEINES/(POLY)PEPTIDES**
[72] KNAPPIK, ACHIM, DE
[72] PACK, PETER, DE
[72] GE, LIMING, DE
[72] MORONEY, SIMON, DE
[72] PLUCKTHUN, ANDREAS, DE
[73] MORPHOSYS AG, DE
[85] 1998-02-06
[86] 1996-08-19 (PCT/EP1996/003647)
[87] (WO1997/008320)
[30] EP (95113021.0) 1995-08-18

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[11] **2,383,456**
[13] C
[51] **Int.Cl. C12N 5/078 (2010.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61P 37/02 (2006.01) A61P 37/06 (2006.01) C07K 16/28 (2006.01) C12N 15/12 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **PD-1, A RECEPTOR FOR B7-4, AND USES THEREFOR**
[54] **PD-1, RECEPTEUR DE B7-4, ET SON UTILISATION**
[72] WOOD, CLIVE, US
[72] FREEMAN, GORDON J., US
[73] GENETICS INSTITUTE, LLC, US
[73] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2002-02-21
[86] 2000-08-23 (PCT/US2000/023347)
[87] (WO2001/014557)
[30] US (60/150,390) 1999-08-23
[30] US (60/164,897) 1999-11-10

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[11] **2,430,836**
[13] C
[51] **Int.Cl. G06Q 10/08 (2012.01) B07C 3/12 (2006.01) B07C 3/14 (2006.01) B41L 47/00 (2006.01) B65C 9/46 (2006.01) H03M 7/30 (2006.01)**
[25] EN
[54] **COMPRESSION UTILITY FOR USE WITH SMART LABEL PRINTING AND PRE-LOADING**
[54] **DISPOSITIF DE COMPRESSION UTILISABLE POUR L'IMPRESSION INTELLIGENTE D'UNE ETIQUETTE ET LE PRECHARGEMENT D'UN COLIS**
[72] PEREZ, JUAN R., US
[72] ANDERSON, DUANE, US
[72] POTTEIGER, DAVID, US
[72] BURGESS, MICHAEL, US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2003-06-10
[86] 2001-12-11 (PCT/US2001/048156)
[87] (WO2002/047831)
[30] US (60/254,661) 2000-12-11

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[11] **2,430,921**
[13] C
[51] **Int.Cl. A61K 48/00 (2006.01) A01K 67/027 (2006.01) A61K 31/7088 (2006.01) A61K 38/18 (2006.01) A61P 5/00 (2006.01) A61P 15/14 (2006.01) C07K 14/60 (2006.01) C12N 15/18 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **USE OF A VECTOR ENCODING A GHRH PEPTIDE TO ENHANCE GROWTH IN MULTIPLE LITTERS OF OFFSPRING FROM FEMALE ANIMALS**
[54] **UTILISATION D'UN VECTEUR CODANT POUR UN PEPTIDE DE GHRH DESTINE A AMELIORER LA CROISSANCE DANS DE MULTIPLES PORTEES DE LA PROGENITURE D'ANIMAUX FEMELLES**
[72] SCHWARTZ, ROBERT J., US
[72] CARPENTER, ROBERT H., US
[72] DRAGHIA-AKLI, RUXANDRA, US
[72] KERN, DOUGLAS R., US
[72] SMITH, ROY G., US
[73] BAYLOR COLLEGE OF MEDICINE, US
[73] ADVISYS, INC., US
[85] 2003-06-06
[86] 2001-12-12 (PCT/US2001/048726)
[87] (WO2002/061037)
[30] US (60/255,021) 2000-12-12

[11] **2,431,500**
[13] C
[51] **Int.Cl. A61K 39/39 (2006.01) A61K 39/00 (2006.01) A61K 39/04 (2006.01) A61K 39/12 (2006.01) C07K 14/025 (2006.01) A61K 38/11 (2006.01)**
[25] EN
[54] **LONG PEPTIDES OF 22-45 AMINO ACID RESIDUES THAT INDUCE AND/OR ENHANCE ANTIGEN SPECIFIC IMMUNE RESPONSES**
[54] **PEPTIDES LONGS DE 22-45 RESIDUS D'ACIDES AMINES INDUISANT ET/OU STIMULANT LES REPONSES IMMUNITAIRES SPECIFIQUES DE L'ANTIGENE**
[72] VAN DER BURG, SJOERD HENDRIKUS, NL
[72] OTTENHOF, TOM H. M., NL
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[72] SCHOENMAEKERS-WELTERS, MARIA JOHANNA PHILOMENA, NL
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[54] **SYSTEMES ET PROCEDES SIGNALANT A UN UTILISATEUR LES MODIFICATIONS DE SON RELEVE DE CREDIT**
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[73] UNITELLER FINANCIAL SERVICES, INC., US
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[73] GENOMIC PROFILING SYSTEMS, INC., US
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[54] **NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 161P2F10B USEFUL IN TREATMENT AND DETECTION OF CANCER**
[54] **ACIDE NUCLEIQUE ET PROTEINE CORRESPONDANTE 161P2F10B UTILES DANS LE TRAITEMENT ET LE DEPISTAGE DU CANCER**
[72] JAKOBOVITS, AYA, US
[72] RAITANO, ARTHUR B., US
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[72] HUBERT, RENE S., US
[72] GE, WANGMAO, US
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[54] **METHOD AND APPARATUS FOR SUBTERRANEAN FORMATION FLOW IMAGING**
[54] **PROCEDE ET APPAREIL D'IMAGERIE POUR ECOULEMENTS DE FORMATIONS SOUTERRAINES**
[72] APPEL, MATTHIAS, GB
[72] BLUEMICH, BERNHARD PETER JAKOB, DE
[72] FREEMAN, JOHN JUSTIN, US
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[54] **PROCEDE ET APPAREIL DESTINES A FACILITER UNE TRANSACTION A L'INTERIEUR D'UNE INSTALLATION DE VENTE AUX ENCHERES EN RESEAU**
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[54] **PREPARATIONS EN SOLUTION CONTENANT DES ANTICORPS STABILISES A L'AIDE DE SUCRE**
[72] KAKUTA, MASAYA, JP
[72] KIKUCHI, JUN, JP
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[72] FAHRNER, ROBERT LEE, US
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[73] INRIX UK LIMITED, GB
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[54] **PROCEDES ET COMPOSITIONS DE DETECTION ET D'ANALYSE DE POLYNUCLEOTIDES AU MOYEN DE MULTICHROMOPHORES COLLECTEURS DE LUMIERE**
[72] BAZAN, GUILLERMO C., US
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[72] WANG, SHU, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[72] GOREN, YARONE, US
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[72] FERRELL, DANIEL R., US
[72] CALDWELL, DAVID E., US
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[72] GAILLARD, PIETER JAAP, NL
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[54] **PROCEDE PERMETTANT D'ACCROITRE LES RENDEMENTS DE GLYCOPROTEINES A SURFACE VRS AU MOYEN D'UNE SOUCHE DE MUTANTS DU VRS**
[72] ALONSO-CAPLEN, FIRELLI, US
[72] CUTLER, MARK WILLIAM, US
[72] FINO, MIRELI, US
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[54] **APPAREIL DE GENERATION D'IMPULSIONS ELECTRIQUES ET PROCEDES D'UTILISATION DE L'APPAREIL**
[72] BEEBE, STEPHEN J., US
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[72] GERBER, HANSPETER, US
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[54] **POLYPEPTIDE DE FUSION ET SON UTILISATION EN THERAPIE DES TUMEURS ANTIVASCULAIRES**
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[73] ONCOSCIENCE AG, DE
[73] BIZIMIS, ARI E., DE
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[54] **AUTHENTIFICATION D'IDENTITE DE PRESCRIPTEUR PERMETTANT LES COMMANDES ELECTRONIQUES D'ECHANTILLONS DE MEDICAMENTS A PARTIR D'UNE PLATE- FORME DE TRAITEMENT DE CES COMMANDES**
[72] KOST, CECIL, US
[72] CHROBUCK, TIMOTHY, US
[72] TOVREA, DAVID V., US
[72] KING, SCOTT M., US
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[72] ANDREWS, KIRBY, US
[72] KUFF, HOWARD, US
[72] BERMAN, LARRY, US
[72] HALD, MARTIN, US
[72] PULLEN, JONATHAN, US
[72] SHERRY, BRUCE, US
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[54] **PROCEDES ET COMPOSITIONS POUR LA GENERATION ET L'AMPLIFICATION DE BIBLIOTHEQUES D'ADN POUR LA DETECTION ET L'ANALYSE SENSIBLE DE METHYLATION D'ADN**
[72] MAKAROV, VLADIMIR L., US
[72] KAMBEROV, EMMANUEL, US
[72] SUN, TONG, US
[72] PINTER, JONATHON H., US
[72] TARRIER, BRENDAN J., US
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[72] KURIHARA, TAKAO, US
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[54] **SYSTEME ET METHODE DE COLLECTE ET DE PRESENTATION D'ENREGISTREMENTS DANS UN JOURNAL DE DISPOSITIF ELECTRONIQUE**
[72] SCOTT, SHERRYL LEE LORRAINE, CA
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[54] **METHOD FOR INCREASING THE CONTENT OF POLYUNSATURATED LONG-CHAINED FATTY ACIDS IN TRANSGENIC ORGANISMS**
[54] **PROCEDE PERMETTANT D'AUGMENTER LA TENEUR D'ORGANISMES TRANSGENIQUES EN ACIDES GRAS A CHAINE LONGUE POLYINSATURES**
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[72] BAUER, JOERG, DE
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[73] QUALCOMM INCORPORATED, US
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[54] **OUTIL DE PREDICTION DES EXIGENCES DE CAPACITE D'UN SYSTEME ELECTRONIQUE**
[72] BOU-ABBOUD, CLAUDE H., US
[73] COMCAST CABLE COMMUNICATIONS, LLC, US
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[54] **METHODE ET SYSTEME D'AFFECTATION DE BRANCHEMENTS D'ACCES**
[72] VIRGILIO, ANGELO, CA
[72] COTE, BENOIT, CA
[72] HAARSMA, MICHAEL B., CA
[72] BAINES, JEFFREY F., CA
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[54] **SYNTHETIC PROCESS FOR AMINOCYCLOHEXYL ETHER COMPOUNDS**
[54] **PROCESSUS DE PREPARATION PAR SYNTHESE DE COMPOSES D'AMINOCYCLOHEXYLE ETHER**
[72] PLOUVIER, BETRAND M.C., CA
[72] CHOU, DOUG TA HUNG, CA
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[72] CHOI, LEWIS SIU LEUNG, CA
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[54] **SYSTEMS AND METHODS FOR TERRESTRIAL REUSE OF CELLULAR SATELLITE FREQUENCY SPECTRUM IN A TIME-DIVISION DUPLEX AND/OR FREQUENCY-DIVISION DUPLEX HOME**
[54] **SYSTEMES ET PROCEDES PERMETTANT LA REUTILISATION TERRESTRE D'UN SPECTRE DE FREQUENCE DE SATELLITE CELLULAIRE EN MODE DUPLEX A REPARTITION DANS LE TEMPS ET/OU EN MODE DUPLEX A REPARTITION EN FREQUENCE**
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[73] ATC TECHNOLOGIES, LLC, US
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[54] **APPAREIL D'EVALUATION EN TEMPS REEL DE L'ABLATION D'UN TISSU**
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[73] BIOSENSE WEBSTER, INC., US
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[54] **CONCEPTION DE LENTILLE DE CONTACT POUR TRANSLATION DE GRANDE AMPLITUDE**
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[72] NICULAS, CORNELIUS DANIEL, US
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[54] **MICROWAVE PROCESS FOR INTRINSIC PERMEABILITY ENHANCEMENT AND HYDROCARBON EXTRACTION FROM SUBSURFACE DEPOSITS**
[54] **PROCESSUS DE TRAITEMENT AUX MICRO-ONDES POUR L'AMELIORATION DE LA PERMEABILITE INTRINSEQUE ET L'EXTRACTION DES HYDROCARBURES DE DEPOTS DANS LA SUBSURFACE**
[72] KEARL, PETER M., US
[72] ENSLEY, DONALD (DECEASED), US
[73] QMAST LLC, US
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[73] HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH, DE
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[54] **PROCEDE D'ATTENUATION DES SYMPTOMES DE L'OEIL SEC LIES AU PORT DE LENTILLES DE CONTACT**
[72] LORENZ, KATHRINE OSBORN, US
[72] STEFFEN, ROBERT B., US
[72] MCCABE, KEVIN P., US
[72] COOPER, LENORA C., US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
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[72] THEYSSEN, HOLGER, DE
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[73] DIVERSEY, INC., US
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[72] KARABINIS, PETER D., US
[73] ATC TECHNOLOGIES, LLC, US
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[54] **NANOPARTICULES MAGNETIQUES FONCTIONNALISEES ET LEURS METHODES D'UTILISATION**
[72] AKHTARI, MASSOUD, US
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[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[72] WERF VAN DER, JAN WIEBE, NL
[72] BROUWER, MARC JOZEPH, NL
[73] STAMICARBON B.V., NL
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[54] **FOOD PRODUCT SCALE AND RELATED PROMOTIONAL SYSTEM AND METHOD**
[54] **BALANCE POUR PRODUITS ALIMENTAIRES ET METHODE ET SYSTEME PROMOTIONNELS CONNEXES**
[72] WEISZ, ROBERT J., CA
[72] SCHULLER, ROBERT J., US
[73] PREMARK FEG L.L.C., US
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[54] **DENDRITIC CELL COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS A BASE DE CELLULES DENDRITIQUES ET METHODES ASSOCIEES**
[72] POGUE-CALEY, REBECCA, US
[72] MONESMITH, TAMARA, US
[72] TCHEREPANOVA, IRINA, US
[72] DINTERMAN, LOIS, US
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[72] MEYER, PETER F., US
[72] ZAIKEN, ELIOT, US
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[54] **SYSTEME COMBINE D'ALIMENTATION D'AIR/PURIFICATION D'AIR**
[72] PHIFER, JERRY ALLEN, US
[72] PARSON, WILLIAM EUGENE, US
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[54] **ECHANGEUR THERMIQUE POURVU DE RAMPES DE BRULEURS INTEGREES STRUCTURALEMENT A UN CONDUIT**
[72] OTTOW, NATHAN WESLEY, US
[72] ZEARBAUGH, SCOTT RICHARD, US
[72] LARIVIERE, PHILLIP MICHAEL, US
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[54] **SYSTEME ET PROCEDE D'ALIMENTATION DE BORNES INFORMATIQUES**
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[73] SYMBOL TECHNOLOGIES, INC., US
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[54] **ADAPTIVE SPINDLE ASSEMBLY FOR ELECTROCHEMICAL DISCHARGE MACHINING ON A CNC MACHINE TOOL**
[54] **ENSEMBLE ADAPTATIF A BROCHE POUR USINAGE A DECHARGES ELECTROCHIMIQUES DE MACHINE-OUTIL COMMANDEE PAR ORDINATEUR**
[72] YUAN, RENWEI, CN
[72] ZHAN, YIMIN, CN
[72] CANTELLI, UGO, CN
[72] LUO, YUANFENG, CN
[72] NELSON, GARTH M., US
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[54] **PRODUCTION DE CELLULES TR1 SPECIFIQUES DES ANTIGENES PROPRES AUX ALIMENTS OU AUX AUTOANTIGENES A PARTIR DE POPULATION DE LEUCOCYTES OU DE PBMC**
[72] GROUX, HERVE, FR
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[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
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[54] **NOUVELLE CONCEPTION DE TABLES DE SALLES D'OPERATION**
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[54] **DISPOSITIF DE CONTROLE DE L'ETAT DE SANTE, MODULES DU DISPOSITIF ET PROCEDE**
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[54] **GENE TOM34 LIE AU CANCER DU COLON**
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[72] FURUKAWA, YOICHI, JP
[72] TAHARA, HIDEAKI, JP
[72] TSUNODA, TAKUYA, JP
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[54] **DISPOSITIF DE TELEDETECTION ET DE COMMUNICATION**
[72] DERRICK, BRUCE, US
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[72] LARSON, STEPHEN N. D., CA
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[72] DAVIDSON, B. KENT, CA
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[73] RAMOT AT TEL AVIV UNIVERSITY LTD., IL
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[54] **SYSTEME ET PROCEDE DE MAPPAGE TRIDIMENSIONNEL D'INFORMATIONS D'ELECTROPHYSIOLOGIE**
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[72] SCHWEITZER, JEFFREY A., US
[73] ST. JUDE MEDICAL, ATRIAL FIBRILLATION DIVISION, INC., US
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[54] **SORBANTS REGENERABLES DE DESULFURATION D'HYDROCARBURES ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] TURK, BRIAN S., US
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[72] GUPTA, RAGHUBIR P., US
[73] RESEARCH TRIANGLE INSTITUTE, US
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[54] **CHAUFFAGE CENTRAL A EAU CHAUDE**
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[54] **DETECTION D'UN AGENT DE CONTRASTE IMMOBILISE DANS LES APPLICATIONS D'IMAGERIE MEDICALE FONDEES SUR L'ANALYSE DE LA DYNAMIQUE DES FLUX**
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[72] ARDITI, MARCEL, CH
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[54] **FABRY-PEROT ACOUSTIC SENSOR WITH PHOTONIC CRYSTAL STRUCTURE AND CORRESPONDING METHOD OF FABRICATION**
[54] **CAPTEUR ACOUSTIQUE DE TYPE FABRY-PEROT AVEC STRUCTURE A CRISTAL PHOTONIQUE ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] KILIC, ONUR, US
[72] DIGONNET, MICHAEL J. P., US
[72] KINO, GORDON S., US
[72] SOLGAARD, OLAV, US
[72] MALLICK, SHRESTHA BASU, US
[72] AKKAYA, ONUR CAN, US
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[54] **NOUVEAU SYSTEME DE SELECTION DE TRANSFORMATION COMPORTANT UNE COMPLEMENTARISATION GENIQUE DE PYRC**
[72] MARTIN, FRANCK, IT
[72] CENCIONI, STEFANO, IT
[72] COLAGRANDE, ANTONELLA, IT
[72] THALLER, MARIA CRISTINA, IT
[72] D'ANDREA, MARCO MARIA, IT
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[54] **A DEVICE AND METHOD FOR THE MANAGEMENT OF DATA**
[54] **DISPOSITIF ET METHODE DE GESTION DE DONNEES**
[72] WERNLI, HEINZ, CH
[72] KILCHENMANN, ANDREAS, CH
[72] RUEEDI, URS, CH
[73] SULZER METCO AG, CH
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[54] **SYSTEM AND METHOD FOR TRANSFER OF DISPUTE DATA IN A DISTRIBUTED ELECTRONIC TRADING SYSTEM**
[54] **SYSTEME ET METHODE DE TRANSFERT DE DONNEES ELECTRONIQUES DE DIFFEREND DANS UN SYSTEME DE COMMERCE ELECTRONIQUE REPARTI**
[72] JOHNSON, JAMES C., US
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[54] **SYSTEMES ET PROCEDES D'EVALUATION DE CONTACT D'ELECTRODE**
[72] PAUL, SAURAV, US
[72] TEGG, TROY, US
[72] THAO, CHOU, US
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[72] PURYEAR, HARRY, US
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[54] **IMAGING SYSTEM AND METHOD TO IMPROVE DEPTH PERCEPTION**
[54] **SYSTEME D'IMAGERIE ET METHODE D'AMELIORATION DE LA PERCEPTION DE LA PROFONDEUR**
[72] NICOLAOU, MARIOS, GB
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[54] **MULTIPLE GENERATOR LOADCENTER AND METHOD OF DISTRIBUTING POWER FROM MULTIPLE GENERATORS**
[54] **CENTRE DE DISTRIBUTION DE GENERATRICES MULTIPLES ET PROCEDE DE DISTRIBUTION DE L'ALIMENTATION A PARTIR DE GENERATRICES MULTIPLES**
[72] LATHROP, TODD M., US
[72] WEHRLI, JONATHAN A., US
[73] EATON CORPORATION, US
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[54] **CENTRE DE DISTRIBUTION DE GENERATRICES MULTIPLES ET PROCEDE DE DISTRIBUTION DE L'ALIMENTATION A PARTIR DE GENERATRICES MULTIPLES**
[72] LATHROP, TODD M., US
[72] WEHRLI, JONATHAN A., US
[73] EATON CORPORATION, US
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[54] **UTILISATION D'UN INHIBITEUR DE C1 POUR LA PREVENTION DES LESIONS D'ISCHEMIE-REPERFUSION**
[72] MANNESSE, MAURICE, NL
[72] NUIJENS, JOHANNES HENRICUS, NL
[72] PIEPER, FRANK, NL
[72] DE SIMONI, MARIA GRAZIA, IT
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[54] **PREPARATION ANTIMICROBIENNE**
[72] PERCIVAL, STEVEN L., GB
[72] BOWLER, PHILLIP G., GB
[72] PARSONS, DAVID, GB
[73] CONVATEC TECHNOLOGIES INC., US
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[54] **PROTECTION ET AMELIORATION DE LA PEAU**
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[72] STAHL, WILHELM, DE
[73] MARS, INCORPORATED, US
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[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **METHOD AND APPARATUS FOR IMPLEMENTING SPACE TIME PROCESSING WITH UNEQUAL MODULATION AND CODING SCHEMES**
[54] **PROCEDE ET APPAREIL POUR LA MISE EN OEUVRE DE TRAITEMENT SPATIO-TEMPOREL AVEC DES SCHEMAS INEGAUX DE MODULATION ET DE CODAGE**
[72] OLESEN, ROBERT L., US
[72] ZEIRA, ELDAD M., US
[72] VOLTZ, PETER J., US
[72] YANG, YONGWEN, US
[72] DAI, QINGYUAN, US
[72] KOO, CHANG-SOO, US
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[54] **SURGICAL INSTRUMENT WITH REPLACEABLE LOADING UNIT**
[54] **INSTRUMENT CHIRURGICAL AVEC DISPOSITIF DE CHARGEMENT AMOVIBLE**
[72] SCIRICA, PAUL, US
[73] TYCO HEALTHCARE GROUP LP, US
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[54] **ICE CONFECTION**
[54] **CONFISERIE GLACEE**
[72] EDDIES, NATALIE ELAINE, GB
[72] LACY, IAN DAVID, GB
[72] WIX, LOYD, GB
[73] UNILEVER PLC, GB
[86] (2637516)
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[54] **CONFIGURABLE FREQUENCY HOPPING SYSTEM AND METHODS**
[54] **SYSTEME DE SAUT DE FREQUENCE CONFIGURABLE ET METHODES**
[72] ESKILDSEN, KENNETH, US
[72] WANG, YIJUN W., US
[73] HONEYWELL INTERNATIONAL INC., US
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[54] **SYSTEMS AND METHODS FOR PRESERVING AUDITABLE RECORDS OF AN ELECTRONIC DEVICE**
[54] **SYSTEMES ET METHODES PERMETTANT DE PRESERVER DES DOSSIERS VERIFIABLES D'UN DISPOSITIF ELECTRONIQUE**
[72] BROWN, MICHAEL K., CA
[72] TOTZKE, SCOTT W., CA
[72] MANEA, RADU ALEXANDRU, CA
[73] BLACKBERRY LIMITED, CA
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[72] LEED, ELAM A., US
[73] JOHNS MANVILLE, US
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[54] **APPROCHE DE MODELISATION DOUBLE PERMETTANT LE CALCUL DE LA PROPRETE DE SECTION DE CHAUDIERE**
[72] FRANCINO, PETER N., US
[72] CHENG, XU, US
[73] EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC., US
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[54] **ELECTRICAL CONNECTOR ASSEMBLY WITH FRUSTRO-CONICAL SNAP FIT RETAINING RING AND HAVING DUPLEX UNIDIRECTIONAL CABLE RETAINERS OR A CLAMPING STRAP FOR EITHER NONMETALIC OR METAL CLADCABLES**
[54] **ENSEMBLE DE RACCORDEMENT ELECTRIQUE AVEC BAGUE DE RETENUE TRONCONIQUE A PRESSION ET SERRE-CABLES DUPLEX UNIDIRECTIONNELS OU MANCHON DE SERRAGE POUR CABLES A REVETEMENT NON METALLIQUE OU A REVETEMENT METALLIQUE**
[72] KIELY, KENNETH M., US
[72] AURAY, DELBERT, US
[73] BRIDGEPORT FITTINGS, INC., US
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[54] **BOTTOM ASH INJECTION FOR ENHANCING SPRAY DRYER ABSORBER PERFORMANCE**
[54] **INJECTION DE CENDRES PAR LE BAS PERMETTANT D'AMELIORER LA PERFORMANCE D'UN ABSORBEUR A SECHOIR A PULVERISATION**
[72] MARYAMCHIK, MIKHAIL, US
[73] THE BABCOCK & WILCOX COMPANY, US
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[54] **UTILISATION DE FONGICIDES POUR AUGMENTER LA QUALITE ET EVENTUELLEMENT LA QUANTITE DE PRODUITS OLEAGINEUX**
[72] VANTIEGHEM, HERVE R., DE
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[54] **CROISSANCE CELLULAIRE SUR DES FILMS POLYMERES ET SES APPLICATIONS EN BIOTECHNOLOGIE**
[72] PARKER, KEVIN KIT, US
[72] FEINBERG, ADAM W., US
[72] WHITESIDES, GEORGE M., US
[72] SHEVKOPLYAS, SERGEY S., US
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[73] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **ELECTRODE FOR A CONTACT START PLASMA ARC TORCH AND CONTACT START PLASMA ARC TORCH EMPLOYING SUCH ELECTRODES**
[54] **ELECTRODE POUR UNE TORCHE A PLASMA D'ARC A DEMARRAGE PAR CONTACT ET TORCHE A PLASMA D'ARC A DEMARRAGE PAR CONTACT EMPLOYANT DE TELLES ELECTRODES**
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[72] EICKHOFF, STEPHEN T., US
[72] ROBERTS, JESSE, US
[73] HYPERTHERM, INC., US
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[54] **STERILISATEUR A LA VAPEUR**
[72] DE PIAN, EROS, IT
[73] CISA S.P.A., IT
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[54] **SYSTEME THERAPEUTIQUE TRANSDERMIQUE CONTENANT DE LA NORELGESTROMINE POUR LA CONTRACEPTION ET LA SUBSTITUTION HORMONALE**
[72] THEOBALD, FRANK, DE
[72] EIFLER, RENE, DE
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[54] **MULTI-CARTRIDGE FLUID DELIVERY DEVICE**
[54] **DISPOSITIF D'ACHEMINEMENT DE FLUIDE A CARTOUCHES MULTIPLES**
[72] GONNELLI, ROBERT, US
[72] LEVESQUE, STEVEN F., US
[72] NARDI, RONALD V., US
[73] VALERITAS, INC., US
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[54] **METHOD FOR PREPARING SIZE-CONTROLLED SILICON CARBIDE NANOCRYSTALS**
[54] **METHODE DE PREPARATION DE NANOCRISTAUX DE CARBURE DE SILICIUM A TAILLE CONTROLEE**
[72] VEINOT, JONATHAN, CA
[72] HENDERSON, ERIC JAMES, CA
[73] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[86] (2646850)
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[25] EN
[54] **LUBRICATING OIL COMPOSITIONS FOR INTERNAL COMBUSTION ENGINES**
[54] **COMPOSITIONS D'HUILE DE LUBRICATION POUR MOTEURS A COMBUSTION INTERNE**
[72] BOFFA, ALEXANDER B., US
[72] HIRANO, SATOSHI, US
[72] SZENDEROWICZ, MARK LOUIS, US
[72] TAKEOKA, KENJI, US
[73] CHEVRON ORONITE COMPANY LLC, US
[73] CHEVRON JAPAN LTD., JP
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[54] **COMPOSES TETRAHALOGENES UTILISES COMME INHIBITEURS D'ANGIOGENESE**
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[72] KRUGER, DONALD WALTER, US
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[72] SMITH, BRENT ALLEN, US
[72] LE VELY, JULIEN, US
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[72] LISSIANSKI, VITALI, US
[72] MALY, PETER MARTIN, US
[72] SEEKER, WILLIAM RANDALL, US
[72] SAMUELSON, CHRISTOPHER AARON, US
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[54] **SOLVATES CRISTALLINS ET COMPLEXES DE DERIVES DE (1S)-1,5-ANHYDRO-1-C-(3-((PHENYL)METHYL)PHENYL-D-GLUCITOL AVEC DES ACIDES AMINES EN TANT QU'INH IBITEURS DE SGLT2 POUR LE TRAITEMENT DU DIABETE**
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[72] STEGAMAT, REZA, US
[72] RICHTER, HENNING, US
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[72] KALU, KALU ONUKA, CA
[72] KALYANASUNDARAM, SANJAY, CA
[73] BLACKBERRY LIMITED, CA
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[54] **CHAMBRE DE COMBUSTION DE TURBINE A GAZ EN CMC ET SECTORIELLE**
[72] HABAROU, GEORGES, FR
[72] CAMY, PIERRE, FR
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[72] DUCHESNE, LUC, FR
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[72] LLOYD, ROBYN ELIZABETH, AU
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[72] GARCIA, MARY LOUISE, AU
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[54] **PROCEDES DE FABRICATION DE DISPOSITIFS A SEMI-CONDUCTEURS COMPORTANT DES REGIONS IMPLANTEES PERMETTANT D'ETABLIR UN CONTACT DE FAIBLE RESISTANCE VERS LES COUCHES ENFOUIES ET DISPOSITIFS ASSOCIES**
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[54] **ANTICORPS ANTAGONISTES DE HAUTE AFFINITE DIRIGES CONTRE LE RECEPTEUR ALPHA 1 DE L'INTERLEUKINE-13**
[72] NASH, ANDREW DONALD, AU
[72] BACA, MANUEL, US
[72] FABRI, LOUIS JERRY, AU
[72] ZALLER, DENNIS, US
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[54] **FEUILLE PRESENTANT UN EFFET TACTILE ET UN EFFET INTERFERENTIEL ET DOCUMENT DE SECURITE LA COMPORTANT**
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[72] LANCOIS, DAVID FRANCIS ALAIN, FR
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[54] **PROCEDE DE PREPARATION D'UN MELANGE D'HYDROGENE ET DE MONOXYDE DE CARBONE A PARTIR D'UN STOCK D'ALIMENTATION D'HYDROCARBURE LIQUIDE CONTENANT UNE CERTAINE QUANTITE DE CENDRES**
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[54] **AGENT DE DIAGNOSTIC DU MESOTHELIOME, KIT DE DIAGNOSTIC DU MESOTHELIOME ET PROCEDE DE DIAGNOSTIC DU MESOTHELIOME**
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[72] ROWSELL, BRYAN, CA
[72] RUSSELL, VICTORIA, CA
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[54] **RUBAN A JOINT NON TISSE PRESENTANT DES PROPRIETES DE FAIBLE EXPANSION PAR L'HUMIDITE ET PROCEDE D'UTILISATION ASSOCIE**
[72] IMMORDINO, SALVATORE C., US
[72] STEVENS, RICHARD B., US
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[72] NEILL, PAUL H., US
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[72] JOHANSSON, JAN, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **SYSTEMES ET METHODES DESTINES A AMELIORER OU AUGMENTER L'INFORMATION CONCERNANT, EN PARTICULIER, LES CONDITIONS DE LA PISTE DISPONIBLE AUX PILOTES POSANT UN AERONEF**
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[25] EN
[54] **APPARATUS WITH DISTRIBUTED MAGNETS FOR INSPECTION OF A GAP BETWEEN TWO SURFACES, AT LEAST ONE OF WHICH IS FERROMAGNETIC**
[54] **APPAREIL EQUIPE D'AIMANTS DISTRIBUES DESTINE A L'INSPECTION D'UN ECART ENTRE DEUX SURFACES, DONT AU MOINS UNE SURFACE EST FERROMAGNETIQUE**
[72] MOSER, ROLAND, CH
[72] HUGI, NIKLAUS, CH
[72] MARK, BERNHARD, DE
[72] ISLER, PHILIPP, CH
[72] HONOLD, SIMON, CH
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[54] **ANALOGUES DE CYCLOPAMINE**
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[72] JANARDANANNAIR, SOMARAJANNAIR, US
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[54] **SYSTEME DE FORMATION DE PORES ET DE TIMBRE TRANSDERMIQUE ET PROCEDE D'UTILISATION CORRESPONDANT**
[72] MCRAE, STUART, US
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[72] HUBSCHWERLEN, CHRISTIAN, FR
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[54] **DISPOSITIF D'ENCASTREMENT POUR LA PRODUCTION DE PANNEAUX CIMENTAIRES STRUCTURELS RENFORCES DE FIBRES**
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[54] **ENSEMBLE STATOR, GENERATEUR, EOLIENNE ET METHODE DE POSITIONNEMENT D'UN ENSEMBLE STATOR**
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[73] FANWING LIMITED, GB
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[54] **PROCEDES D'ADMINISTRATION DE LA TETRAHYDROBIOPTERINE, COMPOSITIONS ASSOCIEES ET PROCEDES DE MESURE**
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[72] DORENBAUM, ALEJANDRO, US
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[54] **PROCEDES ET DISPOSITIF POUR OBTENIR DES PARAMETRES D'APPEL VARIABLES APPROPRIES POUR ETRE UTILISES A L'INITIATION D'UN APPEL SIP PAR L'INTERMEDIAIRE D'UN RESEAU COMMUTE DEPUIS UN DISPOSITIF UTILISATEUR**
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[72] BAKKER, JAN JOHN-LUC, US
[73] BLACKBERRY LIMITED, CA
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[54] **PLANTES PRESENTANT UNE TOLERANCE ACCRUE AU STRESS THERMIQUE**
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[72] WAN, JIANGXIN, CA
[72] KUZMA, MONIKA, CA
[73] PERFORMANCE PLANTS, INC., CA
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[54] **GAINE DE PROTECTION ELECTROMAGNETIQUE EN TEXTILE**
[72] ABDELMOULA, RAFIK, FR
[72] THOMAS, PATRICK, FR
[72] DELLA PUTTA, LUCIA, FR
[72] RODRIGUES, THIERRY, FR
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[54] **MODULE POUR ENSEMBLES DE STOCKAGE D'ENERGIE ELECTRIQUE PERMETTANT LA DETECTION DU VIEILLISSEMENT DESDITS ENSEMBLES**
[72] CAUMONT, OLIVIER, FR
[72] JUVENTIN-MATHES, ANNE-CLAIRE, FR
[72] LE BRAS, KARINE, FR
[72] DEPOND, JEAN-MICHEL, FR
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[54] **PROCEDE DE SUPPRESSION DE METAUX LOURDS D'EAUX USEES MUNICIPALES**
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[72] KOPPES, JEROEN A., NL
[73] NALCO COMPANY, US
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[73] SONDEX LIMITED, GB
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[54] **METHOD FOR DETERMINATION OF POLYMER CONCENTRATION IN WATER SYSTEMS**
[54] **PROCEDE PERMETTANT DE DETERMINER LA CONCENTRATION D'UN POLYMERE DANS DES SYSTEMES AQUEUX**
[72] LIANG, YANGANG, CN
[72] ZHANG, LI, CN
[72] XIAO, CAIBIN, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **COMPOSES NEUROSTEROIDES**
[72] GRAVANIS, ACHILLEAS, GR
[72] CALOGEROPOULOU, THEODORA, GR
[72] CASTANAS, ELIAS, GR
[72] MARGIORIS, ANDREAS, GR
[72] CHARALAMBOPOULOS, IOANNIS, GR
[72] AVLONITIS, NIKOLAOS, GR
[72] MINAS, VASSILIOS, GR
[72] ALEXAKI, VASILEIA-ISMINI, FR
[72] TSATSANIS, CHRISTOS, GR
[72] ALEXIS, MICHAEL N., GR
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[54] **TRAITEMENT DU SYNDROME D'ASPIRATION MECONIALE**
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[54] **PROCEDE DE PRODUCTION D'ALCOOLS OPTIQUEMENT ACTIFS A L'AIDE D'UNE DESHYDROGENASE TIREE DE AZOARCUS SP. EBN1**
[72] BREUER, MICHAEL, DE
[72] RABUS, RALF, DE
[72] HEIDER, JOHANN, DE
[73] BASF SE, DE
[73] ALBERT-LUDWIGS-UNIVERSITAET FREIBURG, DE
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[54] **FLUIDE PORTEUR POUR FILTRAGE DE GRAVIERS AVEC MARTEAU INTERNE**
[72] NAVARRO-MASCARELL, RAUL, GB
[72] JONES, ANDREW, US
[72] LUYSTER, MARK, US
[72] HORTON, ROBERT L., US
[73] M-I LLC, US
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[54] **DISPOSITIF D'ACTIONNEMENT PERFECTIONNE**
[72] REID, STEVE, GB
[73] PETROWELL LIMITED, GB
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[73] PRIMETALS TECHNOLOGIES AUSTRIA GMBH, AT
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[73] NANOCO TECHNOLOGIES LIMITED, GB
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[54] **BAND FOR A MACHINE FOR THE PRODUCTION OF WEB MATERIAL, PARTICULARLY PAPER OR CARDBOARD, AND METHOD FOR THE PRODUCTION OF SUCH A BAND**
[54] **BANDE POUR UNE MACHINE DE FABRICATION DE MATERIAU EN BANDE, NOTAMMENT DE PAPIER OU DE CARTON, ET PROCEDE DE FABRICATION D'UNE TELLE BANDE**
[72] CUNNANE, FRANCIS J., US
[72] JEFFERY, JOHN, GB
[72] OYAKAWA, DAVILO, BR
[72] FERNANDES, ADEMAR LIPPI ALVES, NL
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[72] SMITH, JOHN EDWARD, AU
[72] LEYWOOD, NATARSHA SKYE, AU
[73] BOX CLEVER PTY LIMITED, AU
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[72] SHARIVKER, OFER, IL
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[54] **DISPOSITIF D'INJECTION POUR L'INJECTION DANS DES TISSUS BIOLOGIQUES ET DEPOT PAR INJECTION**
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[72] DASHPER, STUART GEOFFREY, AU
[72] REYNOLDS, ERIC CHARLES, AU
[72] VEITH, PAUL DAVID, AU
[72] ANG, CHING SENG, AU
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[54] **PROCEDE DE COLLAGE DE FILM SUR UN SUBSTRAT COURBE**
[72] BOVET, CHRISTIAN, FR
[72] CANO, JEAN-PAUL, FR
[72] LEFILLASTRE, PAUL, FR
[72] MARTY, ANTOINE, FR
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[54] **PYRIMIDINES BICYCLIQUES CONDENSEES**
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[72] VENNEMANN, MATTHIAS, DE
[72] BENEKE, GERRIT, DE
[72] ZUELCH, ARMIN, DE
[72] GEKELER, VOLKER, DE
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[54] **PROCEDES ET COMPOSITIONS POUR TRAITER UNE MALADIE AUTO-IMMUNE**
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[73] ALEXION PHARMACEUTICALS, INC., US
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[54] **PROCEDE ET APPAREIL DE PRODUCTION DE GAZ SYNTHETIQUES**
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[72] THACKER, PRADEEP, US
[73] GENERAL ELECTRIC COMPANY, US
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[72] BARNETT, KIRK WALLANCE, US
[73] BOOT BAND LLC, US
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[54] **STABILISATEURS DE PHOSPHITE POUR DES COMPOSES POLY(ESTER) IONOMERES**
[72] HEATER, PAUL LEWIS, US
[73] M&G USA CORPORATION, US
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[86] 2008-08-22 (PCT/US2008/074092)
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[72] DE LEIJ, FRANCISCUS ANTONIUS ANNA MARIA, GB
[72] HUTCHINGS, TONY RICHARD, GB
[72] WINGATE, JEREMY ROBERT, GB
[73] THE FORESTRY COMMISSION, GB
[73] THE UNIVERSITY OF SURREY, GB
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[54] **METHOD OF MANUFACTURING A COMPLEX STRUCTURE MADE OF A COMPOSITE BY ASSEMBLING RIGID COMPONENTS**
[72] CINQUIN, JACQUES, FR
[73] EUROPEAN AERONAUTIC DEFENCE AND SPACE COMPANY EADS FRANCE, FR
[85] 2010-02-03
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[54] **METHOD AND APPARATUS FOR MANUFACTURING A COMPOSITE MATERIAL**
[54] **PROCEDE ET APPAREIL POUR LA FABRICATION D'UN MATERIAU COMPOSITE**
[72] FARMER, BENJAMIN LIONEL, GB
[72] JOHNS, DANIEL MARK, GB
[73] AIRBUS OPERATIONS LIMITED, GB
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[54] **COMPOSITIONS CONTENANT DES NUCLEOSIDES DE PURINE ET DU MANGANESE ET UTILISATIONS DE CELLES-CI**
[72] DALY, MICHAEL J., US
[72] GAIDAMAKOVA, ELENA K., US
[72] MATROSOVA, VERA K., US
[72] LEVINE, RODNEY L., US
[72] WEHR, NANCY B., US
[73] THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC., US
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[54] **SYSTEME ET METHODE D'APPRENTISSAGE DE RECONNAISSANCE VOCALE**
[72] BOURDON, FRANCOIS, CA
[73] ADACEL, INC., CA
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[25] EN
[54] **SYSTEM AND METHOD FOR SHARING DATA IN A GROUP OF MOBILE DEVICES**
[54] **SYSTEME ET METHODE DE PARTAGE DE DONNEES DANS UN GROUPE D'APPAREILS MOBILES**
[72] LITTLE, HERBERT A., CA
[72] BROWN, MICHAEL S., CA
[73] BLACKBERRY LIMITED, CA
[86] (2697956)
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[54] **LENTILLE INTRAOCULAIRE AYANT UNE PROFONDEUR DE FOCALISATION ACCRUE**
[72] WEEBER, HENDRIK A., NL
[72] PIERS, PATRICIA ANN, NL
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[54] **DERIVES DE QUINOLEINE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE LA TYROSINE KINASE**
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[72] SHENOY, SURESH, US
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[54] **PROCEDE DE CONVERSION DE SOLUTIONS A HAUTE TENEUR EN MATIERE SECHE**
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[72] FOSTER, THOMAS, US
[72] HENSON, NOEL, US
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[54] **DERIVES INNOVANTS D'IMIDAZO[1,2-A]PYRIDINE ET D'IMIDAZO[1,2-B]PYRIDAZINE**
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[54] **CARBOXYL- OR HYDROXYL-SUBSTITUTED BENZIMIDAZOLE DERIVATIVES FOR TREATING DISEASES MODULATED BY FXR AGONISTS**
[54] **DERIVES DE BENZIMIDAZOLE SUBSTITUES PAR CARBOXYLE OU HYDROXYLE**
[72] BENSON, GREGORY MARTIN, CH
[72] BLEICHER, KONRAD, DE
[72] GRETHER, UWE, DE
[72] KUHN, BERND, CH
[72] MARTIN, RAINER E., CH
[72] PLANCHER, JEAN-MARC, FR
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[54] **PYRAZOLOPYRIDIN-ETHYNYLPHENYL COMPOUNDS AND SALTS THEREOF, PHARMACEUTICAL COMPOSITIONS COMPRISING SAME, METHODS OF PREPARING SAME AND USES OF SAME**
[54] **COMPOSES DE PYRAZOLOPYRIDINE-ETHYNYL-PHENYL ET LEURS SELS, COMPOSITIONS PHARMACEUTIQUES EN COMPORTANT, METHODES DE PREPARATION ASSOCIEES ET LEURS UTILISATIONS**
[72] HARTUNG, INGO, DE
[72] BRIEM, HANS, DE
[72] KETTSCHAU, GEORG, DE
[72] THIERAUCH, KARL-HEINZ, DE
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[72] PIERS, PATRICIA A., NL
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[54] **STRUCTURE POUR LE TRAITEMENT ACOUSTIQUE PLUS PARTICULIEREMENT ADAPTEE A UNE ENTREE D'AIR D'UNE NACELLE D'AERONEF**
[72] PORTE, ALAIN, FR
[72] LALANE, JACQUES, FR
[72] GANTIE, FABRICE, FR
[72] BARILLOT-CREUZET, JACQUES, FR
[73] AIRBUS OPERATIONS SAS, FR
[73] CREUZET AERONAUTIQUE, FR
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[54] **DERIVES DE 4-AMINOPYRIDINE COMME ANTAGONISTES DU RECEPTEUR HISTAMINE H4**
[72] CARCELLER GONZALEZ, ELENA, ES
[72] MEDINA FUENTES, EVA MARIA, ES
[72] SOLIVA SOLIVA, ROBERT, ES
[72] VIRGILI BERNADO, MARINA, ES
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[54] **MATERIAU DE TOITURE ET METHODE DE FABRICATION CONNEXE**
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[72] RAILKAR, SUDHIR B., US
[72] CHICH, ADEM, US
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[54] **PROCEDE DE FABRICATION DE CAPTEURS A COUCHE DE CO-POLYMERE P(VDF-TRFE) ET CAPTEUR CORRESPONDANT**
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[72] VACHER, CLAIRE, FR
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[72] BALDWIN, DAVID, US
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[72] MCGEEHAN, THOMAS, US
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
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[72] REID, ANTHONY WALTON, AU
[73] EZYMINE PTY LIMITED, AU
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[73] USG INTERIORS, LLC, US
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[54] **PROCEDE DE FORMATION D'UNE REGION POREUSE INTEGRALE DANS UN IMPLANT COULE**
[72] RAUGUTH, BRAD, US
[72] HUTCHISON, WILLIAM, US
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[72] MENACEUR, DJAMIL-FAYCAL, CA
[73] ALSTOM TRANSPORT TECHNOLOGIES, FR
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[54] **ABRI MOBILE MULTIFONCTIONNEL**
[72] HACHE, ALCIDE, CA
[73] 564581 ALBERTA LTD., CA
[73] HAUL-ALL EQUIPMENT LTD., CA
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[72] PAINTER, GEORGE R., US
[73] CHIMERIX, INC., US
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[54] **PROCEDE DE POLYMERISATION EN PHASE GAZEUSE**
[72] LIPP, CHARLES, US
[72] DENTON, DAVID, US
[72] GERTNER, BRUCE, US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **DERIVES D'OXAZOLIDINONE**
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[72] RUEEDI, GEORG, CH
[72] SURIVET, JEAN-PHILIPPE, FR
[72] ZUMBRUNN-ACKLIN, CORNELIA, CH
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[54] **MUTEINS OF TEAR LIPOCALIN HAVING AFFINITY TO HUMAN C-MET RECEPTOR TYROSINE KINASE AND METHODS FOR OBTAINING THE SAME**
[54] **MUTEINES DE LIPOCALINE DE LARMES AYANT UNE AFFINITE POUR LE RECEPTEUR TYROSINE KINASE C-MET HUMAIN ET PROCEDES D'OBTENTION DE CELLES-CI**
[72] MATSCHINER, GABRIELE, DE
[72] HOHLBAUM, ANDREAS, DE
[72] HUELSMEYER, MARTIN, DE
[72] TRENTMANN, STEFAN, DE
[73] PIERIS AG, DE
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[54] **PROTOCOLE DE PROTECTION DES DONNEES DE PROTECTION DE CONTENUS**
[72] TU, VAN QUY, CA
[72] LITTLE, HERBERT ANTHONY, CA
[72] TAKACS, KRISTOF, CA
[73] BLACKBERRY LIMITED, CA
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[54] **MOLDING COMPOSITION AND METHOD USING SAME TO FORM DISPLACEMENTS FOR USE IN A METAL CASTING PROCESS**
[54] **COMPOSITION DE MOULAGE ET PROCEDE UTILISANT CELLE-CI POUR FORMER LES DEPLACEMENTS A UTILISER DANS UN PROCESSUS DE COULAGE DE METAL**
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[73] DESTECH CORPORATION, US
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[54] **PROCEDE ET SYSTEME D'ANALYSE DE DONNEES SPECTRALES**
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[72] GOTTLIEB, PAUL, AU
[72] OWEN, MICHAEL JAMES, AU
[73] FEI COMPANY, US
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[54] **PROCEDE ET DISPOSITIF DE MOULAGE PAR INJECTION-COMPRESSION DE PREFORMES**
[72] BOCK, STEFAN, CH
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[54] **COMPOSITION POUR UNE ADMINISTRATION A LIBERATION PROLONGEE DE PROTEINES OU DE PEPTIDES**
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[72] GUARINO, ANDREW, US
[72] CHIEN, BENJAMIN, US
[73] FORESEE PHARMACEUTICALS CO., LTD., TW
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[54] **SIMPLE FILIGRANAGE D'ENVIRONNEMENT D'APPAIRAGE NON AUTONOME, AUTHENTIFICATION ET ASSOCIATION**
[72] GOELLER, KENNETH, US
[72] MARKING, AARON, US
[73] SECURE CONTENT STORAGE ASSOCIATION, LLC, US
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[54] **NOUVEAUX HETEROCYCLES**
[72] SRINIVAS, VISWESWARA AKELLA SATYA SURYA, IN
[72] TADIPARTHI, RAVIKUMAR, IN
[72] SHARMA, GANAPAVARAPU VEERA RAGHAVA, IN
[72] SAPPANIMUTHU, THIRUNAVUKKARASU, IN
[72] BHAKIARAJ, DURAIRAJ PETER, IN
[72] KACHHADIA, VIRENDRA, IN
[72] NARASIMHAN, KILAMBI, IN
[72] THARA, SATHYA NARAYANA, IN
[72] RAJAGOPAL, SRIRAM, IN
[72] NARAYANAN, SUKUNATH, IN
[72] PARAMESWARAN, VENKATESAN, IN
[72] JANARTHANAM, VENKATESAN, IN
[72] NARAYANAM, MARUTHIKUMAR, IN
[72] GADDE, SATHYANARAYANA, IN
[72] RAMACHANDRAN, UMA, IN
[72] BALASUBRAMANIAN, GOPALAN, IN
[72] SURENDRAN, NARAYANAN, IN
[72] NARAYANAN, SHRIDHAR, IN
[72] VISHWAKARMA, LOLAKNATH SANTOSH, IN
[72] SAXENA, SANJEEV, IN
[72] REDDY, GADDAM OM (DECEASED), IN
[73] ORCHID PHARMA LIMITED, IN
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[54] **TREATED AREAS ON A WRAPPER FOR REDUCING THE IGNITION PROCLIVITY CHARACTERISTICS OF A SMOKING ARTICLE**
[54] **ZONES TRAITEES SUR UN EMBALLAGE POUR REDUIRE LES CARACTERISTIQUES DE PROPENSION A L'ALLUMAGE D'UN ARTICLE A FUMER**
[72] HAMPL, VLADIMIR, JR., US
[72] ROSSI-ESPAGNET, JAMES C., US
[72] GU, XIANGWEI, US
[72] BRIGHENTI, PETER E., US
[72] GOYNES, CHRISTOPHER LEE, US
[73] SCHWEITZER-MAUDUIT INTERNATIONAL, INC., US
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[72] HOOGEVEEN, BERNARDUS CORNELIS HENDRIKUS, NL
[73] BLUEWATER ENERGY SERVICES B.V., NL
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[54] **PROTEGE-LAME DE PATIN ET DISPOSITIF DE MARCHE**
[72] HIRANO, MOTOAKI, CA
[72] HIRANO, TAKUYA, CA
[73] QUESTA DESIGN LTD., CA
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[54] **TURBINE BLADE WITH TIP COOLING AND CORRESPONDING TURBINE AND TURBOENGINE**
[54] **AUBE DE TURBINE A EXTREMITE REFROIDIE, ET TURBINE ET TURBOMACHINE ASSOCIEES**
[72] BOTREL, ERWAN, FR
[72] GROHENS, REGIS, FR
[73] SNECMA, FR
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[54] **EROSIONS SYSTEMS AND COMPONENTS COMPRISING THE SAME**
[54] **SYSTEMES CONTRE L'EROSION ET COMPOSANTS COMPRENANT DE TELS SYSTEMES**
[72] MITCHELL, STEPHEN CRAIG, US
[72] BRIZGIS, ANDREW J., US
[72] LACHAPELLE, DONALD GEORGE, US
[72] RONK, WARREN ROSAL, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **LANTERNE AVEC LUMIERES AMOVIBLES**
[72] TARTER, KEVIN J., US
[73] THE COLEMAN COMPANY, INC., US
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[54] **ROBOTIC FILLING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES ROBOTISES DE REMPLISSAGE**
[72] PROCYSHYN, CHRISTOPHER A., CA
[72] GOLD, ROSS M., CA
[73] VANRX PHARMACEUTICALS, INC., CA
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[54] **BENZENEPROPANAMIDE OU DERIVES DE BENZENEPROPENAMIDE N-SUBSTITUES DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE LA DOULEUR ET DE L'INFLAMMATION**
[72] KAPLAN, ELIAHU, IL
[73] NOVAREMED LTD., IL
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[86] 2009-03-06 (PCT/IB2009/000448)
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[54] **VACCIN POUR UNE PROTECTION CONTRE LAWSONIA INTRACELLULARIS**
[72] JACOBS, ANTONIUS ARNOLDUS CHRISTIAAN, NL
[72] VERMEIJ, PAUL, NL
[72] SEGERS, RUUD PHILIP ANTOON MARIA, NL
[72] SCHRIER, CARLA CHRISTINA, NL
[73] INTERVET INTERNATIONAL B.V., NL
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[73] O'LEARY, PAUL, CA
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[54] **FORMULATIONS WITH SANGUINARINE, CHELERYTHRINE OR CHELIDONINE FOR THE TREATMENT OF WARTS, VERRUCAS AND PSORIATIC PLAQUES**
[54] **FORMULATIONS AVEC DE LA SANGUINARINE, DE LA CHELERYTHRINE OU DE LA CHELIDONINE POUR LE TRAITEMENT DE VERRUES, DE VERRUES VULGAIRES ET DE PLAQUES PSORIATIQUES**
[72] BOMBARDELLI, EZIO, IT
[72] FONTANA, GABRIELE, IT
[72] MORAZZONI, PAOLO, IT
[72] RIVA, ANTONELLA, IT
[72] RONCHI, MASSIMO, IT
[73] INDENA S.P.A., IT
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[54] **METHOD AND APPARATUS FOR DETERMINING PIPEWALL THICKNESS USING ONE OR MORE ULTRASONIC SENSORS**
[54] **PROCEDE ET APPAREIL POUR DETERMINER L'EPAISSEUR DE PAROI DE TUYAU EN UTILISANT UN OU PLUSIEURS CAPTEURS ULTRASONORES**
[72] GYSLING, DANIEL L., US
[73] EXPRO METERS, INC., US
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[54] **CONDITIONING SHAMPOO COMPOSITION**
[54] **COMPOSITION DE SHAMPOOING CONDITIONNEUR**
[72] CHUCHOTIROS, APIRUDEE, CN
[72] GILES, COLIN CHRISTOPHER DAVID, CN
[72] SINSAWAT, ANUCHAI, CN
[73] UNILEVER PLC, GB
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[54] **BAC A DECHETS**
[72] WESTON, OWEN CHARLES, AU
[73] WESTON, OWEN CHARLES, AU
[85] 2010-09-14
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[54] **GAS TURBINE ENGINE COMBUSTOR CIRCUMFERENTIAL ACOUSTIC REDUCTION USING FLAME TEMPERATURE NONUNIFORMITIES**
[54] **REDUCTION ACOUSTIQUE CIRCONFERENTIELLE DE LA CHAMBRE DE COMBUSTION D'UN MOTEUR A TURBINE A GAZ, A L'AIDE DE NON-UNIFORMITES DE TEMPERATURE DE FLAMME**
[72] DANIS, ALLEN MICHAEL, US
[72] MUELLER, MARK ANTHONY, US
[72] HELD, TIMOTHY JAMES, US
[72] MARAKOVITS, STEVEN, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **ARTICLES THERMOPLASTIQUES MOULES**
[72] ZAWACKI, JEFFREY RUSSELL, US
[72] MOZER, WIFRIED, US
[72] DESMITH, BRIAN LEONARD, US
[73] HENDRICKSON USA, L.L.C., US
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[54] **A NOVEL PHARMACEUTICAL PREPARATION FOR PREECLAMPSIA, ECLAMPSIA, AND TOXEMIA AND THEIR RELATED SYMPTOMS AND RELATED DISORDERS OF PREGNANCY**
[54] **NOUVELLE PREPARATION PHARMACEUTIQUE POUR L'ECLAMPSISME, L'ECLAMPSIE ET LA TOXEMIE ET LEURS SYMPTOMES APPARENTES ET TROUBLES APPARENTES DE LA GROSSESSE**
[72] FALLON, JOAN M., US
[73] CUREMARK LLC, US
[85] 2010-09-13
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[25] EN
[54] **A LIFTER BAR ASSEMBLY FOR A CRUSHING MILL AND METHOD OF INSTALLATION**
[54] **ENSEMBLE DE BARRE DE SOULEVEMENT POUR CONCASSEUR ET PROCEDE D'INSTALLATION**
[72] COX, TERRY, AU
[72] WATT, DANIEL, AU
[72] HAZELL, GRAEME, AU
[73] WEIR MINERALS AUSTRALIA LTD, AU
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[54] **DERIVES DE 2-PHENYL-4-CYCLOPROPYL-PYRIMIDINE**
[72] CAROFF, EVA, FR
[72] MEYER, EMMANUEL, CH
[73] ACTELION PHARMACEUTICALS LTD., CH
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[54] **MOUSSE FIBRINE ET PROCEDE**
[72] DELMOTTE, YVES A., BE
[73] BAXTER INTERNATIONAL INC., US
[73] BAXTER HEALTHCARE S.A., CH
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[54] **PANNEAU DE FENETRE THERMOISOLANT MULTICOUCHE**
[72] ROTTER, THOMAS, DE
[73] ROTTER, THOMAS, DE
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[30] EP (08 005 606.2) 2008-03-26
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[54] **PROCEDE DE STABILISATION D'ALDEHYDE**
[72] MARTIN, ANTONIETTA PAMELA, ZA
[72] SKELLY, MARY G., IE
[73] MICROBIDE LIMITED, IE
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[25] EN
[54] **GASTRIC RETENTIVE EXTENDED-RELEASE DOSAGE FORMS COMPRISING COMBINATIONS OF A NON-OPIOID ANALGESIC AND AN OPIOID ANALGESIC**
[54] **FORMES MEDICAMENTEUSES A LIBERATION ETENDUE DE RETENTION GASTRIQUE COMPRENANT DES COMBINAISONS D'UN ANALGESIQUE NON OPIOIDE ET D'UN ANALGESIQUE OPIOIDE**
[72] CHIEN-HSUAN, HAN, US
[72] HOU, SUI YUEN EDDIE, US
[72] REID, MONICA L., US
[73] DEPOMED, INC., US
[85] 2010-09-30
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[54] **SWIRLERS AND METHOD OF MANUFACTURING**
[54] **COUPELLES ROTATIVES ET PROCEDE DE FABRICATION**
[72] MCMASTERS, MARIE ANN, US
[72] BENJAMIN, MICHAEL A., US
[72] MANCINI, ALFRED, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2010-09-30
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[30] US (12/200,960) 2008-08-29
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[25] EN
[54] **UNITARY CONDUIT FOR TRANSPORTING FLUIDS AND METHOD OF MANUFACTURING**
[54] **CONDUIT UNITAIRE POUR LE TRANSPORT DE FLUIDES ET PROCEDE DE FABRICATION**
[72] MCMASTERS, MARIE ANN, US
[72] BENJAMIN, MICHAEL A., US
[72] MANCINI, ALFRED, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2010-09-30
[86] 2009-03-13 (PCT/US2009/037101)
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[30] US (61/044,116) 2008-04-11
[30] US (12/182,485) 2008-07-30
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[51] **Int.Cl. F23R 3/28 (2006.01) F23R 3/34 (2006.01)**
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[54] **FUEL DISTRIBUTOR AND METHOD OF MANUFACTURING**
[54] **DISTRIBUTEUR DE CARBURANT ET PROCEDE DE FABRICATION ASSOCIE**
[72] MCMASTERS, MARIE ANN, US
[72] BENJAMIN, MICHAEL A., US
[72] MANCINI, ALFRED, US
[73] GENERAL ELECTRIC COMPANY, US
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[86] 2009-03-13 (PCT/US2009/037148)
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[30] US (61/044,116) 2008-04-11
[30] US (12/182,526) 2008-07-30
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[25] EN
[54] **TRANSMISSION CONTROL FOR WIRELESS COMMUNICATION NETWORKS**
[54] **COMMANDE DE TRANSMISSION POUR RESEAUX DE COMMUNICATIONS SANS FIL**
[72] ABRAHAM, SANTOSH, US
[72] NANDA, SANJIV, US
[72] NANDAGOPALAN, SAISHANKAR, US
[73] QUALCOMM INCORPORATED, US
[86] (2720322)
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[22] 2007-03-05
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[25] EN
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[54] **PROCEDE DE DETECTION D'UN HERPES VIRUS DANS UN ECHANTILLON DE TEST**
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[72] TUFF, MAURICE, CA
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[72] MANCINI, ALFRED, US
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[54] **SHEET STABILIZATION WITH DUAL OPPOSING CROSS DIRECTION AIR CLAMPS**
[54] **STABILISATION DE FEUILLE A L'AIDE DE DOUBLES DISPOSITIFS DE SERRAGE PNEUMATIQUES A DIRECTION CROISEE OPPOSEE**
[72] ALEV, TAMER MARK, CA
[72] CHIRICO, SALVATORE, CA
[72] BESELT, RON, CA
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[54] **MODULATEURS D'INFLAMMATION ANTIOXYDANTS: DERIVES D'ACIDE OLEANOLIQUE PRESENTANT UNE SATURATION DANS L'ANNEAU C**
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[72] JIANG, XIN, US
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[72] DOWNHAM, ROBERT, GB
[72] PAYNE, LLOYD JAMES, GB
[72] LAW, DEREK, GB
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[72] CRAMER, HAGEN, US
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[54] **METHOD AND APPARATUS FOR FORMING TITANIUM-ALUMINIUM BASED ALLOYS**
[54] **PROCEDE ET APPAREIL POUR LA FABRICATION D'ALLIAGES A BASE DE TITANE-ALUMINIUM**
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[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[72] COUMAR, MOHANE SELVARAJ, IN
[72] HSU, TSU-AN, TW
[72] WU, SU-YING, TW
[72] CHAO, YU-SHENG, US
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[73] ROBERT BOSCH GMBH, DE
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[54] **SYSTEME D'EQUILIBRAGE DE FORCE A UTILISER AVEC UN OUTIL DE FORAGE DE PUITS**
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[72] JAVINS, BROOKS HOWARD, US
[72] AHLHORN, KENNETH WAYNE, US
[73] JAVINS CORPORATION, US
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[72] BESSELER, JENS, DE
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[54] **COMPOSITIONS AQUEUSES DE POLYURETHANE RADIODURCISSABLES**
[72] VAN HOLEN, JURGEN, BE
[72] CAPPELLE, STEVEN, BE
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[72] TIELEMANS, MICHEL, BE
[73] ALLNEX BELGIUM S.A., BE
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[54] **APPAREIL DE PRESENTATION D'ARRANGEMENTS BOTANIQUES**
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[73] TELEFLORA, LLC, US
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[73] BHP BILLITON SSM DEVELOPMENT PTY LTD, AU
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[54] **PROCEDE DE PREVENTION ET DE REDUCTION D'UNE FORMATION D'ECAILLES**
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[54] **COMPOSITION ANTITARTRE BIODEGRADABLE UTILISEE DANS DES DETERGENTS ALCALINS HAUTEMENT CONCENTRES**
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[72] KAISER, NANCY-HOPE ELIZABETH, US
[73] AMERICAN STERILIZER COMPANY, US
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[72] KRAEMER, MICHAEL, DE
[72] TAUBER, ANDREI, DE
[72] KLUG, GUNTER, DE
[73] BLANKOPHOR GMBH & CO. KG, DE
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[54] **COMPOSES PYRIDINES**
[72] BARLAAM, BERNARD CHRISTOPHE, FR
[72] FOOTE, KEVIN MICHAEL, GB
[72] PLE, PATRICK, FR
[72] JONES, CLIFFORD DAVID, GB
[73] ASTRAZENECA AB, SE
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[72] TOKIZAKI, HIROSHI, JP
[72] MORITO, TAKUMI, JP
[73] THE YOKOHAMA RUBBER CO., LTD., JP
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[54] **AGENCEMENT DE LENTILLES EN DEUX DIMENSIONS POUR COLLIMATION ET ORIENTATION DE FAISCEAU OPTIQUE**
[72] BAUGH, BRENT, US
[73] CISCO TECHNOLOGY, INC., US
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[54] **ISOQUINOLINES ET ISOQUINOLINONES A SUBSTITUTION EN 6**
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[72] LORENZ, KATRIN, DE
[72] LOEHN, MATTHIAS, DE
[72] WESTON, JOHN, DE
[72] KLEEMANN, HEINZ-WERNER, DE
[73] SANOFI-AVENTIS, FR
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[54] **ADMINISTRATION NASALE ET OPHTALMIQUE DE SOLUTIONS AQUEUSES DE CORTICOSTEROIDES**
[72] PIPKIN, JAMES D., US
[72] ZIMMERER, RUPERT O., US
[72] SIEBERT, JOHN M., US
[73] CYDEX PHARMACEUTICALS, INC., US
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[54] **COMPOSITION DESTINEE A ADMINISTRER DES PRINCIPES ACTIFS CATIONIQUES DE FACON TRANSDERMIQUE**
[72] SCHMITZ, CHRISTOPH, DE
[72] SAMETI, MOHAMMAD, DE
[72] KOCH, ANDREAS, DE
[72] HORSTMANN, MICHAEL, DE
[73] LTS LOHMANN THERAPIE-SYSTEME AG, DE
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[54] **TENSION DE CHAINE A COUPLE LIMITE POUR OUTILS ELECTRIQUES**
[72] BUTTERY, JEREMY L., US
[72] SHYMKUS, ROBERT M., US
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[72] ATCHLEY, ROBERT, US
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[54] **PROCEDE DE DISPERSION ET DE SEPARATION DE NANOTUBES**
[72] HOWARD, CHRISTOPHER, GB
[72] SKIPPER, NEAL, GB
[72] SHAFFER, MILO, GB
[72] FOGDEN, SIAN, GB
[73] UCL BUSINESS PLC, GB
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[54] **JOINT D'ETANCHEITE MULTIFONCTIONS SOUS FORME DE BOUCLE ELASTIQUE**
[72] KAWAKAMI, TOMOYA, US
[73] KAWAKAMI, TOMOYA, US
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[54] **BACTERIA/RNA EXTRACTION DEVICE**
[54] **DISPOSITIF D'EXTRACTION DE BACTERIES/ARN**
[72] MARSCHKE, DEAN DAVID, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **STENT METALLIQUE POUR LE TRAITEMENT DE LESIONS DANS DES VAISSEAUX SANGUINS COMPORTANT UNE ENVELOPPE**
[72] ZUCKER, ARIK, CH
[73] QVANTEQ AG, CH
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[54] **ELEMENTS D'ETANCHEITE COMPOSITES (ELASTOMERE-METAL) POUR TREPANS A MOLETTES**
[72] CURRY, DAVID A., US
[72] KOLTERMANN, TERRY J., US
[72] LIN, CHIH C., US
[72] HALL, STUART, GB
[73] BAKER HUGHES INCORPORATED, US
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[54] **PROCEDE DE CULTURE PLANTES**
[72] BOUWENS, PAUL JACQUES LOUIS HUBERT, NL
[72] HEMPENIUS, EELKE GJALT, NL
[73] ROCKWOOL INTERNATIONAL A/S, DK
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[54] **METHOD AND SYSTEM FOR ACQUISITION OF AN APPLICATION FOR INSTALLATION AT A COMMUNICATION DEVICE**
[54] **PROCEDE ET SYSTEME POUR L'ACQUISITION D'UNE APPLICATION DESTINEE A ETRE INSTALLEE SUR UN DISPOSITIF DE COMMUNICATION**
[72] IERULLO, SALVATORE, CA
[73] BLACKBERRY LIMITED, CA
[86] (2731759)
[87] (2731759)
[22] 2011-02-15
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[54] **METHOD AND DEVICE FOR CONTROLLING THE PRESSURE AND / OR FLOW RATE OF FLUID**
[54] **PROCEDE ET DISPOSITIF DE REGULATION DE LA PRESSION ET/OU DU DEBIT VOLUMIQUE D'UN FLUIDE**
[72] CONRAD, RUEDIGER, DE
[72] MARZ, HEIKO, DE
[73] B/E AEROSPACE SYSTEMS GMBH, DE
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[54] **METHOD AND MEANS FOR DIGITAL AUTHENTICATION OF VALUABLE GOODS**
[54] **PROCEDE ET MOYEN D'AUTHENTIFICATION NUMERIQUE DE MARCHANDISES DE VALEUR**
[72] DARBELLAY, JEROME, CH
[72] BLACKMAN, KEVIN, CH
[72] MORENO, CARLOS, CH
[72] CREUS MOREIRA, JUAN CARLOS, CH
[73] WISEKEY SA, CH
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[54] **FACILITATING ASYNCHRONOUS TRANSMISSIONS USING A PROTOCOL HAVING ASYNCHRONOUS AND SYNCHRONOUS PORTIONS**
[54] **FACILITATION DES TRANSMISSIONS ASYNCHRONES A L'AIDE D'UN PROTOCOLE AYANT DES PARTIES ASYNCHRONES ET SYNCHRONES**
[72] JENKINS, JEREMY E., US
[72] KELLER, ROBERT R. JR., US
[72] STUDY, ROBERT S. III, US
[72] TIEN, HAMIN, US
[73] THE CHAMBERLAIN GROUP, INC., US
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[54] **INFLUENZA VACCINES**
[54] **VACCINS CONTRE LA GRIPPE**
[72] ALSHARIFI, MOHAMMED, AU
[72] MULLBACHER, ARNO, AU
[73] GAMMA VACCINES PTY LIMITED, AU
[85] 2011-01-28
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[54] **ARABINOXYLANS FOR MODULATING THE BARRIER FUNCTION OF THE INTESTINAL SURFACE**
[54] **ARABINOXYLANES POUR MODULER LA FONCTION BARRIERE DE LA SURFACE INTESTINALE**
[72] EKHART, PETER FRANK, BE
[72] VAN DER SAAG, HANS, BE
[72] POSSEMIERS, SAM, BE
[72] VAN DEN ABBEELE, PIETER, BE
[72] VAN DE WIELE, TOM, BE
[72] NEYRINCK, AUDREY MARTINE, BE
[72] DELZENNE, NATHALLE MARIA NELLY, BE
[72] CANI, PATRICE D., BE
[73] BIOACTOR BVBA, BE
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[54] **METHODE POUR PRODUIRE UN MELANGE DE DERIVES DE LACTIDE**
[72] HAGEN, RAINER, DE
[72] VERWEIJ, ADAM BASTIAAN, NL
[72] MUEHLBAUER, UDO, DE
[72] SCHULZE, JOACHIM, DE
[72] TIETZ, WOLFGANG, DE
[72] GOEHLER, KLAUS-DIETER (DECEASED), DE
[73] UHDE INVENTA-FISCHER GMBH, DE
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[54] **PNEUMATIC SYSTEM ELECTRICAL CONTACT DEVICE**
[54] **DISPOSITIF DE CONTACT ELECTRIQUE A SYSTEME PNEUMATIQUE**
[72] BEAULIEU, GILLES, CA
[73] MAC VALVES, INC., US
[86] (2734339)
[87] (2734339)
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[25] EN
[54] **SYSTEM AND METHOD FOR DELIVERY AND PRESENTATION OF MESSAGES IN DEPENDENCE UPON THE MODE OF OPERATION OF THE COMMUNICATION DEVICE**
[54] **SYSTEME ET PROCEDE POUR LA PRODUCTION ET LA PRESENTATION DE MESSAGES DEPENDANTS DU MODE DE FONCTIONNEMENT DU DISPOSITIF DE COMMUNICATION**
[72] PROULX, DAVID RENE, CA
[72] BELLS, MATTHEW, CA
[72] TZIORTZIS, ALEK, US
[72] SCOTT, SHERRYL LEE LORRAINE, CA
[73] BLACKBERRY LIMITED, CA
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[87] (2735117)
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[54] **NOUVEAU DERIVE DE PROSTAGLANDINE I2**
[72] MURATA, TAKAHIKO, JP
[72] AMAKAWA, MASAHIRO, JP
[72] TERADAIRA, SHIN, JP
[72] MATSUMURA, YASUSHI, JP
[72] KONISHI, KATSUHIKO, JP
[73] ASAHI GLASS COMPANY, LIMITED, JP
[73] KAKEN PHARMACEUTICAL CO., LTD., JP
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[54] **METHOD OF PLAYING PREPRINTED GAME TICKETS HAVING MULTIPLE GAMES PRINTED THEREOF**
[54] **METHODE DE JEU DE BILLETS DE LOTTERIE PREIMPRIMES AYANT PLUSIEURS JEUX D'IMPRIMES SUR CEUX-CI**
[72] BRESLO, JAMES A., US
[73] DIAMOND GAME ENTERPRISES, INC., US
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[54] **A METHOD FOR PERFORMING THERMOCHEMICAL TREATMENT OF AN OIL RESERVOIR**
[54] **PROCEDE D'EXECUTION D'UN TRAITEMENT THERMOCHIMIQUE D'UN GISEMENT DE PETROLE**
[72] ALEXANDROV, EUGENY NIKOLAEVICH, RU
[72] LEMENOVSKI, DMITRY ANATOLJEVICH, RU
[72] KOLLER, ZDENEK, CZ
[73] STONE WALL S.R.O., DE
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[25] EN
[54] **SEED TREATMENT AGENT COMPRISING AN .ALPHA.-METHOXYPHENYLACETIC ACID DERIVED COMPOUND AND METHOD FOR PROTECTING A PLANT AGAINST FUNGAL DISEASES**
[54] **AGENT DE TRAITEMENT DE SEMENCE RENFERMANT UN COMPOSE DERIVE D'ACIDE ALPHA-METHOXYPHENYLACETIQUE ET METHODE DE PROTECTION D'UN VEGETAL CONTRE LES MALADIES FONGIQUES**
[72] TAKAISHI, MASANAO, JP
[72] KURAHASHI, MAKOTO, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] **MENU CONTEXTUEL GRAPHIQUE ABREGE**
[72] LEPAGE, MARC ANTHONY, CA
[72] COOPER, ADAM, CA
[72] TUCKER, CRAIG JAMES, US
[72] HONG, YOOJIN, US
[73] BLACKBERRY LIMITED, CA
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[54] **DISPOSITIF A LIEN SOUPLE POUR UN SYSTEME D'ASCENSEUR**
[72] FRITZ, VOLKER, DE
[73] THOMA AUFZUGE GMBH, DE
[85] 2011-03-24
[86] 2009-12-17 (PCT/EP2009/009073)
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[54] **PLATEAU CHIRURGICAL STERILE**
[72] HUMAYUN, MARK, US
[72] DEBOER, CHARLES, US
[72] MCCORMICK, MATTHEW, US
[72] BHADRI, PRASHANT, US
[72] CICCHELLA, JOEL, US
[72] KERNS, RALPH, US
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[54] **METHOD FOR THE PRODUCTION OF AN ABSORBENT DISPOSABLE INCONTINENCE DIAPER**
[54] **PROCEDE POUR FABRIQUER UNE COUCHE JETABLE D'INCONTINENCE ABSORBANTE**
[72] MALOWANIEC, KRZYSZTOF D., DE
[73] PAUL HARTMANN AKTIENGESELLSCHAFT, DE
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[54] **METHOD AND APPARATUS FOR MODULUS REDUCTION**
[54] **PROCEDE ET APPAREIL POUR UNE REDUCTION DE MODULE**
[72] LAMBERT, ROBERT JOHN, CA
[73] CERTICOM CORP., CA
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[54] **GRANULATION A SEC DANS UN FLUX DE GAZ**
[72] POLITI, GIOVANNI, IT
[73] POLIBIOTECH SRL, IT
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[54] **COMPOSITIONS DE BLANCHISSAGE ET LEURS PROCEDES D'UTILISATION**
[72] FORTH, PETER, DE
[72] MERZ, THOMAS, DE
[73] ECOLAB INC., US
[85] 2011-05-19
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[54] **DISPOSITIF POUR DECLENCHER A DISTANCE DES CHARGES EXPLOSIVES**
[72] HEMBISE, DOMINIQUE, FR
[73] MBDA FRANCE, FR
[85] 2011-05-24
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[25] EN
[54] **CLEANING OF A COOKING DEVICE OR APPLIANCE WITH A COMPOSITION COMPRISING A BUILT-IN RINSE AID**
[54] **NETTOYAGE D'UN DISPOSITIF OU D'UN APPAREIL DE CUISSON AVEC UNE COMPOSITION COMPRENANT UN ADJUVANT DE RINCAGE INTEGRE**
[72] NEPLENBROEK, ANTONIUS MARIA, NL
[72] VEENING, JAN EDUARD, NL
[72] UHLHORN, ROBERT JAN, NL
[72] LUCAS, ELODIE CHANTAL, FR
[73] DIVERSEY, INC., US
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[54] **INCOMING CALL REDIRECTION**
[54] **REACHEMINEMENT D'APPEL ENTRANT**
[72] ERB, PAUL ANDREW, CA
[73] MITEL NETWORKS CORPORATION, CA
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[54] **CALL AUTHORIZATION FEATURE**
[54] **CARACTERISTIQUE D'AUTORISATION DES APPELS**
[72] HILLIER, PETER MATTHEW, CA
[72] HILLIER, KATAYOUN, CA
[73] MITEL NETWORKS CORPORATION, CA
[86] (2745821)
[87] (2745821)
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[25] FR
[54] **TURBINE WHEEL PROVIDED WITH AN AXIAL RETENTION DEVICE THAT LOCKS BLADES IN RELATION TO A DISK**
[54] **ROUE DE TURBINE EQUIPEE D'UN DISPOSITIF DE RETENUE AXIALE VERROUILLANT DES PALES PAR RAPPORT A UN DISQUE**
[72] CHANTELOUP, DENIS, FR
[73] TURBOMECA, FR
[85] 2011-06-08
[86] 2009-12-10 (PCT/FR2009/052469)
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[54] **ACCELERATION OF KEY AGREEMENT PROTOCOLS**
[54] **ACCELERATION DE PROTOCOLES DE MISE EN ACCORD DE CLES**
[72] BROWN, DANIEL R. L., CA
[73] CERTICOM CORP., CA
[85] 2011-06-14
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[25] EN
[54] **VALIDATION METHOD AND SYSTEM FOR USE IN SECURING NOMADIC ELECTRONIC TRANSACTIONS**
[54] **PROCEDE DE VALIDATION ET SYSTEME DESTINES A UNE UTILISATION DANS LA SECURISATION DES TRANSACTIONS ELECTRONIQUES NOMADES**
[72] MURRAY, SEAN MACLEAN, CA
[72] O'BRIEN, WILLIAM G., CA
[72] YEAP, TET HIN, CA
[73] BCE INC., CA
[85] 2011-06-17
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[54] **BOTTLE COMPRISING A TEMPORAL INDICATOR**
[54] **BOUTEILLE COMPRENANT UN INDICATEUR TEMPOREL**
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[73] CANADA CHEMICAL CORPORATION, CA
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[73] BATTELLE MEMORIAL INSTITUTE, US
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[54] **PROCEDE ET APPAREIL POUR CONTROLER DES PROPRIETES DE COMBUSTION DANS UN INTERIEUR D'UNE CHAUDIERE**
[72] ESTES, MICHAEL JOHN, US
[72] SAPPEY, ANDREW D., US
[72] HOFVANDER, HENRIK, US
[72] MOLITORIS, ALLEN, US
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[73] VANTRIX CORPORATION, CA
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[72] ARILLA, JEAN-BAPTISTE, FR
[72] BAUDE, PIERRE MICHEL, FR
[72] DURAND, STEPHANE DIDIER, FR
[72] LADEVEZE, ISABELLE GERMAINE CLAUDE, FR
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[54] **COLORANTS DIAZOIQUES REACTIFS A BASE D'UN COMPLEXE DE CUIVRE**
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[54] **MACHINES DE PREPARATION DE BOISSON**
[72] HANSEN, NICK ANDREW, GB
[72] BENTLEY, ANDREW, GB
[73] KRAFT FOODS R&D, INC., US
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[72] LORENZ, ROBERT, DE
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[72] KNAPP, CLEMENS, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
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[73] BITTORRENT, INC., US
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[54] **REDUCED LOAD OFFSET LOSS INTEGRATED LIFT TRUCK ATTACHMENT**
[54] **FIXATION DE CHARIOT ELEVATEUR INTEGRE AYANT UNE PERTE PAR DECENTRAGE DE CHARGE REDUITE**
[72] JOHNSON, THOMAS H., US
[73] ILLINOIS TOOL WORKS INC., US
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[54] **POLYMERES RETICULABLES PHOTOCHIMIQUES, PROCEDES DE FABRICATION DE POLYMERES RETICULABLES PHOTOCHIMIQUES ET PROCEDES D'UTILISATION DE POLYMERES RETICULABLES PHOTOCHIMIQUES**
[72] LOCKLIN, JASON, US
[72] HARDIN, IAN, US
[72] SAMANTA, SATYA, US
[72] DHENDE, VIKRAM, US
[73] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US
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[54] **SYSTEME D'IDENTIFICATION PAR RADIOFREQUENCE FOURNISSANT DES CARACTERISTIQUES DE RESERVATIONS ET DE CALENDRIER DE SALLE DE REUNION ET METHODES CONNEXES**
[72] WALKER, DAVID RYAN, CA
[72] ROSE, SCOTT DOUGLAS, CA
[72] MOOSAVI, VAHID, CA
[72] GRIFFIN, JASON TYLER, CA
[72] FYKE, STEVEN HENRY, CA
[73] BLACKBERRY LIMITED, CA
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[72] BREWER, JOEL D., US
[72] EICK, PETER M., US
[73] CONOCOPHILLIPS COMPANY, US
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[54] **EXPANDABLE TFE COPOLYMERS, METHOD OF MAKING, AND POROUS, EXPANDED ARTICLES THEREOF**
[54] **COPOLYMERES DE TFE EXPANSIBLES, LEUR PROCEDE DE FABRICATION ET ARTICLES POREUX EXPANSIBLES FORMES A PARTIR DE CES COPOLYMERES**
[72] FORD, LAWRENCE A., US
[73] W. L. GORE & ASSOCIATES, INC., US
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[72] RICE, SHAWN, US
[72] SCHNEIDER, CURT, US
[72] CUNKELMAN, JEFFREY W., US
[72] DUDLEY, TIMOTHY A., US
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[72] WHITMAN, JAMES, GB
[72] DEMELT, WOLFGANG, DE
[72] NEUMANN, PAUL, US
[72] GOVINDARAJAN, BRINDA, US
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[72] JONES, RICHARD, US
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[54] **PROCEDES ET INTERMEDIAIRES POUR LA PREPARATION D'AGENTS PHARMACEUTIQUES**
[72] POLNIASZEK, RICHARD, US
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[72] YU, RICHARD, US
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[72] EASTON, LEAH, US
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[72] KOIZUMI, SHINICHI, JP
[72] OKUMURA, TAKAKO, JP
[72] NONOMURA, KAZUHIKO, JP
[73] ASKAT INC., JP
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[72] CALZA, PAOLO, IT
[72] GRILLO, ROSARIO, IT
[72] SALVANO, SERGIO, IT
[73] GE AVIO S.R.L., IT
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[54] **DALLE PIETONNIERE, SECTION DE DALLE REMPLACABLE ET/OU STRUCTURE DE DOME SOUPLE**
[72] SZEKELY, KENNETH EUGENE, CA
[73] SZEKELY, KENNETH EUGENE, CA
[85] 2011-09-12
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[54] **PRODUITS DE LIAISON DE POLYSACCHARIDES AMINES**
[72] MEIER, BERND HORST, DE
[72] JANKOWIAK-MEIER, IRIS, DE
[72] MEIER, NELE, DE
[72] MEIER, CLARA, DE
[73] B. BRAUN MELSUNGEN AG, DE
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[54] **BACKING STORE MEMORY MANAGEMENT FOR RENDERING SCROLLABLE WEBPAGE SUBREGIONS**
[54] **GESTION DE LA MEMOIRE DE SAUVEGARDE POUR RENDRE LES SOUS-REGIONS DE PAGES WEB DEROULANTES**
[72] TREAT, ADAM C., US
[72] ARAUJO NETTO, ANTONIO G., CA
[72] FIDLER, ELI J., CA
[73] BLACKBERRY LIMITED, CA
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[72] HUGHES, CHRISTIAN T., US
[72] BIRCSAK, PETER THOMAS, US
[73] HITRAN CORPORATION, US
[86] (2756551)
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[25] EN
[54] **APPARATUS, SYSTEM AND METHOD FOR VERIFYING SERVER CERTIFICATES**
[54] **APPAREIL, SYSTEME ET PROCEDE POUR LA VERIFICATION DES CERTIFICATS DE SERVEURS**
[72] ADAMS, NEIL P., CA
[72] JACKSON, ELI OMEN, CA
[72] TRUSKOVSKY, ALEXANDER, CA
[73] BLACKBERRY LIMITED, CA
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[54] **METHOD AND APPARATUS FOR AIR FLOW CONTROL IN AN AIRCRAFT SIDEWALL VOLUME**
[54] **PROCEDE ET APPAREIL POUR LA REGULATION DE L'ECOULEMENT DE L'AIR DANS UN VOLUME D'UNE PAROI LATERALE D'AERONEF**
[72] GRAY, JOHN C., US
[72] SEDGWICK, LEIGH M., US
[72] SATTERFIELD, SCOTT M., US
[72] BLAKE, JOHN D., US
[72] KUSUDA, CHARLES E., US
[73] THE BOEING COMPANY, US
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[54] **EQUIPEMENT ET PROCEDE POUR LE RENFORCEMENT D'UN TROU DE FORAGE D'UN PUITS EN COURS DE FORAGE**
[72] TVERLID, STEINAR WASA, NO
[73] STATOIL PETROLEUM AS, NO
[85] 2011-10-03
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[54] **(HETERO)ARYL SUBSTITUTED SULFONYL-2-(1H-PYRROLO[2,3-B]PYRIDINE-5-OXY) BENZAMIDE COMPOUNDS AND THEIR USE AS APOPTOSIS-INDUCING AGENTS FOR THE TREATMENT OF CANCER AND IMMUNE AND AUTOIMMUNE DISEASES**
[54] **COMPOSES DE BENZAMIDE SULFONYL-2-(1H-PYRROLO[2,3-B]PYRIDINE-5-OXY) (HETERO)ARYLE SUBSTITUE ET LEUR UTILISATION COMME AGENTS INDUISANT L'APOPTOSE POUR LE TRAITEMENT DE CANCER ET DEMALADIES IMMUNES ET AUTOIMMUNES**
[72] BRUNCKO, MILAN, US
[72] DING, HONG, US
[72] DOHERTY, GEORGE, US
[72] ELMORE, STEVEN, US
[72] HASVOLD, LISA, US
[72] HEXAMER, LAURA, US
[72] KUNZER, AARON R., US
[72] SONG, XIAOHONG, US
[72] SOUERS, ANDREW J., US
[72] SULLIVAN, GERARD, US
[72] TAO, ZHI-FU, US
[72] WANG, GARY T., US
[72] WANG, LE, US
[72] WANG, XILU, US
[72] WENDT, MICHAEL, US
[72] MANTEI, ROBERT, US
[72] HANSEN, TODD M., US
[73] ABBVIE IRELAND UNLIMITED COMPANY, BM
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[25] EN
[54] **4 -CYANO- 3 -BENZOYLAMINO-N-PHENYL-BENZAMIDES FOR USE IN PEST CONTROL**
[54] **4 -CYANO- 3 -BENZOYLAMINO-N-PHENYL-BENZAMIDES DESTINES A ETRE UTILISES DANS LA LUTTE ANTIPARASITAIRE**
[72] JUNG, PIERRE JOSEPH MARCEL, CH
[72] GODFREY, CHRISTOPHER RICHARD AYLES, CH
[72] HUETER, OTTMAR FRANZ, CH
[72] MAIENFISCH, PETER, CH
[73] SYNGENTA PARTICIPATIONS AG, CH
[85] 2011-10-19
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[30] GB (0907822.1) 2009-05-06
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[54] **METHOD OF CHEMICAL-MECHANICAL TREATMENT OF WASTE WATERS FROM OPERATION OF TANNERIES AND AN APPARATUS FOR CARRYING OUT OF THE METHOD**
[54] **PROCEDE DE TRAITEMENT CHIMIQUE-MECANIQUE D'EAUX USEES PROVENANT DU FONCTIONNEMENT DE TANNERIES**
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[72] JACOBY, YUVAL, IL
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[54] **PROCEDE ET SYSTEME DE CODAGE PARALLELE D'UNE VIDEO**
[72] FRANCHE, JEAN-FRANCOIS, CA
[72] COULOMBE, STEPHANE, CA
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[54] **METHOD AND SYSTEM FOR MANAGING A BODY AREA NETWORK USING A COORDINATOR DEVICE**
[54] **PROCEDE ET SYSTEME DE GESTION D'UN RESEAU CORPOREL UTILISANT UN DISPOSITIF COORDINATEUR**
[72] GOYAL, GIRIRAJ, IN
[72] BYNAM, KIRAN, IN
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[72] WON, EUN-TAE, KR
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[72] WATANABE, SHUZO, JP
[72] YAMAGISHI, TATSUYA, JP
[72] ARANO, YOSHIMASA, JP
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[54] **ENSEMBLE D'ETANCHEITE**
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[73] NOETIC TECHNOLOGIES INC., CA
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[54] **METHOD AND APPARATUS FOR VIBRATIONALY SEPARATING DRIVER AND PICK-OFFS OF A VIBRATING-TYPE FLOW SENSOR ASSEMBLY**
[54] **PROCEDE ET APPAREIL POUR SEPARER PAR VIBRATION UN EXCITATEUR ET DES CAPTEURS DE MESURE D'UN ENSEMBLE CAPTEUR D'ECOULEMENT DE TYPE VIBRANT**
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[54] **ETABLISSEMENT D'UNE LISTE NOIRE DES MOTS DE PASSE GESTUELS FREQUEMMENT UTILISES**
[72] THEIMER, WOLFGANG MICHAEL, DE
[72] BALON, THOMAS, DE
[72] WISSMANN, PASCAL, DE
[73] BLACKBERRY LIMITED, CA
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[54] **PROCEDE DE TELECHARGEMENT AVAL SECURISE ET AUTOMATIQUE D'UNE CLE PRINCIPALE DE TERMINAL DANS UN SYSTEME DE PAIEMENT PAR CARTE BANCAIRE ET SYSTEME ASSOCIE**
[72] CHEN, XIANQIANG, CN
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[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT ET PROCEDES D'UTILISATION CORRESPONDANTS**
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[72] BOWMAN, LYLE, US
[72] WNEK, GARY, US
[72] TAUBER, SHACHAR, US
[72] FUERST, RANDALL, US
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[54] **DISPOSITIF POUR DECOUPER UN LAMBEAU DE TISSU OCULAIRE AU MOYEN D'UN FAISCEAU LASER**
[72] DONITZKY, CHRISTOF, DE
[72] DEISINGER, THOMAS, DE
[72] ZERL, BERND, DE
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[54] **MEASURING DEVICE AND MEASURING METHOD FOR CONTINUOUS PHYSICAL QUANTITY**
[54] **DISPOSITIF DE MESURE ET PROCEDE DE MESURE POUR QUANTITE PHYSIQUE CONTINUE**
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[73] BAODING SANCHUAN ELECTRIC CO., LTD., CN
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[54] **SYSTEME ET PROCEDE DE CONNEXION HUMIDE D'UNE FIBRE OPTIQUE EN FOND DE PUITS**
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[54] **METHODE ET DISPOSITIF DE VERROUILLAGE D'UN SYSTEME DE GUIDAGE D'UN VEHICULE GUIDE**
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[54] **METHODS AND APPARATUS TO REPORT LINK QUALITY MEASUREMENTS FOR DOWNLINK DUAL CARRIER OPERATION**
[54] **METHODE ET APPAREIL POUR SIGNALER LES MESURES DE QUALITE DES LIENS POUR UN FONCTIONNEMENT DESCENDANT A DOUBLE PORTEUSE**
[72] FAURIE, RENE, GB
[72] HOLE, DAVID PHILIP, FR
[73] BLACKBERRY LIMITED, CA
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[54] **MASTER MOBILE WIRELESS COMMUNICATIONS DEVICE TO SEND MEDIA CONTENT TO SLAVE MOBILE WIRELESS COMMUNICATIONS DEVICE AND ASSOCIATED METHODS**
[54] **DISPOSITIF DE COMMUNICATION SANS FIL MAITRE CONCU POUR TRANSMETTRE UN CONTENU MULTIMEDIA A UN DISPOSITIF ASSERVI CORRESPONDANT ET METHODES CONNEXES**
[72] HILL, THOMAS CASEY, US
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[54] **MILIEU CARBONE AQUEUX CONTENANT UN POLYMERE OU UN COPOLYMERE D'AMINO(METH)ACRYLATE**
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[72] DAMM, MICHAEL, DE
[72] PETEREIT, HANS-ULRICH, DE
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[54] **PROCEDE ET APPAREIL POUVANT ETRE UTILISES POUR L'EXPLOITATION MINIERE ET LA PROSPECTION MINERALE**
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[73] LYNXRAIL CORPORATION, US
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[54] **DETECTEUR D'IMAGE A POINT QUANTIQUE AVEC PIXELS FACTICES POUR LES CALCULS D'INTENSITE**
[72] CHOI, YUN SEOK, CA
[72] TOWNSEND, GRAHAM, US
[73] BLACKBERRY LIMITED, CA
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[54] **GESTION DE L'IDENTITE DE LA COMMUNICATION MOBILE**
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[72] DWYER, JOHANNA LISA, CA
[73] BLACKBERRY LIMITED, CA
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[73] THE NORDAM GROUP, INC., US
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[25] EN
[54] **DEVICE FOR CLEANING A FUNCTIONAL SURFACE FOR GUIDING OR TREATING A MATERIAL WEB**
[54] **DISPOSITIF DE NETTOYAGE D'UNE SURFACE FONCTIONNELLE SERVANT AU GUIDAGE OU AU TRAITEMENT D'UNE BANDE DE MATERIAU**
[72] SCHWARZ, OLAF, DE
[73] OERLIKON TEXTILE GMBH & CO. KG, DE
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[54] **METHOD AND APPARATUS FOR DETERMINING A ZERO OFFSET IN A VIBRATING FLOW METER**
[54] **PROCEDE ET APPAREIL PERMETTANT DE DETERMINER UN DECALAGE DE ZERO DANS UN DEBITMETRE VIBRANT**
[72] HAYS, PAUL J., US
[72] WEINSTEIN, JOEL, US
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[54] **METHODS TO ESTIMATE DOWNHOLE DRILLING VIBRATION INDICES FROM SURFACE MEASUREMENT**
[54] **PROCEDES POUR ESTIMER DES INDICES DE VIBRATIONS DE FORAGE DE FOND DE TROU A PARTIR D'UNE MESURE DE SURFACE**
[72] ERTAS, MEHMET DENIZ, US
[72] BAILEY, JEFFREY R., US
[72] BURCH, DAMIAN N., US
[72] WANG, LEI, US
[72] PASTUSEK, PAUL E., US
[72] SUNDARARAMAN, SHANKAR, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **SYSTEME ET PROCEDE ADAPTES POUR AGREGER UN CONTENU MULTIMEDIA DOMESTIQUE**
[72] PANIGRAHI, BISWARANJAN, IN
[73] SLING MEDIA PVT LTD., IN
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[54] **TROUSSE DE PANSEMENT POUR PLAIE COMPRENANT UN MATERIAU DE PANSEMENT ET UN SOLVANT DE DETACHEMENT, ET SES UTILISATIONS**
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[73] MEDOVENT GMBH, DE
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[54] **PROCEDES ET UTILISATIONS DE MOLECULES A DISSOCIATION**
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[72] FAHS, MATTHEW D.W., US
[73] FAHS STAGEMYER LLC, US
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[72] DOANE, MARTIN R., US
[73] DEMATIC CORP., US
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[25] EN
[54] **A METHOD FOR USERS TO CREATE AND EDIT WEB PAGE LAYOUTS**
[54] **PROCEDE POUR LA CREATION ET L'EDITION DE PAGES WEB PAR LES UTILISATEURS**
[72] TUCOVIC, ALEKSANDAR, CA
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[25] EN
[54] **MEMBRANE-COUPLED ULTRASONIC PROBE SYSTEM FOR DETECTING FLAWS IN A TUBULAR**
[54] **SYSTEME DE SONDE ULTRA SONORE COUPLE A UNE MEMBRANE POUR LA DETECTION DE DEFAUTS DANS UN TUBULAIRE**
[72] LAM, CLIVE C., US
[72] GUO, YANMING, US
[72] LOGAN, KEVIN D., US
[72] YUAN, QINGSHAN, US
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2012-03-05
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[54] **METHODS AND COMPOSITIONS FOR HYDROPHOBIC MODIFICATION OF ORAL CAVITY SURFACES**
[54] **PROCEDES ET COMPOSITIONS DE MODIFICATION HYDROPHOBE DE SURFACES DE CAVITE BUCCALE**
[72] BAIG, ARIF ALI, US
[72] RAJAIAH, JAYANTH, US
[72] DECKNER, GEORGE ENDEL, US
[72] GLANDORF, WILLIAM MICHAEL, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **SYSTEM AND METHOD FOR DISTRIBUTED FAULT SENSING AND RECOVERY**
[54] **SYSTEME ET PROCEDE PERMETTANT UNE DETECTION DE DEFAILLANCE ET UNE RECUPERATION APRES DEFAILLANCE REPARTIES**
[72] SABET, SAMEH A., US
[72] LISS, JONATHAN M., US
[72] GIOTIS, JAMES C., US
[72] KERFOOT, FRANKLIN W., III, US
[73] TYCO ELECTRONICS SUBSEA COMMUNICATIONS LLC, US
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[25] EN
[54] **GEOMETRY COMPENSATING TRANSDUCER ATTACHMENTS FOR ULTRASONIC INSPECTION OF CHAMFERS OR COUNTERSUNK SURFACES**
[54] **EQUIPEMENTS POUR TRANSDUCTEUR COMPENSANT LA GEOMETRIE ET PERMETTANT L'INSPECTION PAR ULTRASONS DE CHANFREINS OU DE SURFACES FRAISEES**
[72] FETZER, BARRY A., US
[72] BROWN, CHRISTOPHER R., US
[72] TAPIA, WILLIAM J., US
[72] BROOKS, DAVID K., US
[72] KOLLGAARD, JEFFREY R., US
[73] THE BOEING COMPANY, US
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[87] (2773921)
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[54] **UPLINK CONTROL SIGNAL DESIGN FOR WIRELESS SYSTEM**
[54] **CONCEPTION D?UN SIGNAL DE COMMANDE ASCENDANT DE SYSTEME SANS FIL**
[72] YU, DONG-SHENG, CA
[72] NIKOPOURDEILAMI, HOSEIN, CA
[72] VRZIC, SOPHIE, CA
[72] FONG, MO-HAN, CA
[72] NOVAK, ROBERT, CA
[72] YUAN, JUN, CA
[73] APPLE INC., US
[85] 2011-12-22
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[51] **Int.Cl. H04W 76/02 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING PEER-TO-PEER COMMUNICATION WITH NETWORK CONNECTION**
[54] **PROCEDE ET APPAREIL DE FOURNITURE D'UNE COMMUNICATION POSTE A POSTE AU MOYEN D'UNE CONNEXION RESEAU**
[72] GRANDHI, SUDHEER A., US
[72] RUDOLF, MARIAN, CA
[73] INTERDIGITAL PATENT HOLDINGS, INC., US
[85] 2012-03-15
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[54] **REMOTE COMMUNICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COMMUNICATION A DISTANCE**
[72] RAFFLE, HAYES, US
[72] MORI, KOICHI, US
[72] SPASOJEVIC, MIRJANA, US
[72] BALLAGAS, RAFAEL, US
[72] HORII, HIROSHI, US
[72] REVELLE, GLENDA, US
[73] NOKIA TECHNOLOGIES OY, FI
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[25] EN
[54] **INTERACTIVE AUDIO/VIDEO SYSTEM AND DEVICE FOR USE IN A SECURE FACILITY**
[54] **SYSTEME ET DISPOSITIF VIDEO ET/OU AUDIO INTERACTIFS CONCUS POUR ETRE UTILISES DANS DES INSTALLATIONS SECURISEES**
[72] TORGERSRUD, RICHARD, US
[72] O'NEIL, KEVIN, US
[72] GONGAWARE, GRANT, US
[72] COLLINS, MORGAN, US
[73] INTELMATE LLC, US
[86] (2774622)
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[25] EN
[54] **SOLID INK COMPOSITIONS COMPRISING CRYSTALLINE-AMORPHOUS MIXTURES**
[54] **COMPOSITIONS D'ENCRE SOLIDE COMPRENANT DES MELANGES DE COMPOSES CRITALLINS ET AMORPHES**
[72] BELELIE, JENNIFER L., CA
[72] ODELL, PETER G., CA
[72] DRAPPEL, STEPHAN V., CA
[72] MORIMITSU, KENTARO, CA
[72] CHOPRA, NAVEEN, CA
[72] TRACY, COREY L., CA
[72] THOMAS, JULE W., JR., US
[72] BANNING, JEFFREY H., US
[72] MCCONVILLE, PAUL J., US
[72] LEE, JOANNE L., US
[73] XEROX CORPORATION, US
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[25] EN
[54] **PHASE CHANGE INKS AND METHODS OF MAKING THE SAME**
[54] **ENCRES A CHANGEMENT DE PHASE ET METHODES DE FABRICATION CONNEXES**
[72] MORIMITSU, KENTARO, CA
[72] BELELIE, JENNIFER L., CA
[72] CHOPRA, NAVEEN, CA
[72] DRAPPEL, STEPHAN V., CA
[72] TRACY, COREY L., CA
[72] ODELL, PETER G., CA
[73] XEROX CORPORATION, US
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[54] **NON-DUD SIGNATURE TRAINING CARTRIDGE AND PROJECTILE**
[54] **CARTOUCHE ET PROJECTILE D'ENTRAINEMENT A SIGNATURE ANTI-RATE**
[72] BRODEN, DAVID, US
[72] STROBUSH, VICTOR H., US
[72] WEIS, COREY, US
[73] AMTEC CORPORATION, US
[85] 2012-03-21
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[25] EN
[54] **METHOD AND APPARATUS PERTAINING TO MOVEMENT OF A SIM-CARD TRAY**
[54] **METHODE ET APPAREIL LIES AU MOUVEMENT D'UN BOITIER DE CARTE SIM**
[72] PAULEY, DEVIN BERTRUM, US
[72] WOLLAK, JONATHAN J., US
[72] LE, ANDREW PHONG, US
[73] BLACKBERRY LIMITED, CA
[86] (2774977)
[87] (2774977)
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[54] **FILTER COMPRISING SPACER ATTACHED TO THE FILTER**
[54] **FILTRE COMPORTANT UN ESPACEUR FIXE AU FILTRE**
[72] FISHER, GREG, US
[73] BALDWIN FILTERS, INC., US
[86] (2775173)
[87] (2775173)
[22] 2005-04-25
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[25] EN
[54] **SOLID INK COMPOSITIONS COMPRISING AMORPHOUS ESTERS OF CITRIC ACID**
[54] **COMPOSITIONS D'ENCRE SOLIDES COMPRENANT DES ESTERS AMORPHES DE L'ACIDE CITRIQUE**
[72] MORIMITSU, KENTARO, CA
[72] BELELIE, JENNIFER L., CA
[72] DRAPPEL, STEPHAN V., CA
[72] ALLEN, C. GEOFFREY, CA
[72] TRACY, COREY L., CA
[72] ODELL, PETER G., CA
[73] XEROX CORPORATION, US
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[25] EN
[54] **INK COMPOSITIONS INCORPORATING SUBSTITUTED OXAZOLINE COMPOUNDS OR SUBSTITUTED OXAZOLINE DERIVATIVES**
[54] **COMPOSES D'ENCRE UTILISANT DES COMPOSES D'OXAZOLINE SUBSTITUES OU DERIVES D'OXAZOLINE SUBSTITUES**
[72] CARLINI, RINA, CA
[72] SACRIPANTE, GUERINO G., CA
[72] DRAPPEL, STEPHAN V., CA
[72] ALLEN, C. GEOFFREY, CA
[73] XEROX CORPORATION, US
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[87] (2775200)
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[25] EN
[54] **PRINT PROCESS FOR PHASE SEPARATION INK**
[54] **PROCESSUS D'IMPRESSION POUR ENCRE DE SEPARATION DE PHASES**
[72] MCCONVILLE, PAUL J., US
[72] LEE, JOANNE J., US
[72] ODELL, PETER G., CA
[72] GARDNER, SANDRA J., CA
[73] XEROX CORPORATION, US
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[25] EN
[54] **SYSTEM AND METHOD FOR INTEGRATING SMARTPHONE TECHNOLOGY INTO A SAFETY MANAGEMENT PLATFORM TO IMPROVE DRIVER SAFETY**
[54] **SYSTEME ET PROCEDE D'INTEGRATION D'UNE TECHNOLOGIE DE SMARTPHONE DANS UNE PLATEFORME DE GESTION DE SECURITE POUR AMELIORER LA SECURITE D'UN CONDUCTEUR**
[72] WILKES, SAMUEL M., III, US
[72] FERRARA, MICHAEL N., JR., US
[72] MAHANY, RICHARD J., US
[72] BEGLEY, PETER J., US
[73] OMNITRACS, LLC, US
[85] 2012-03-28
[86] 2010-08-18 (PCT/US2010/045892)
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[30] US (61/246,767) 2009-09-29
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[25] EN
[54] **DYNAMIC LOAD CARRIAGE SYSTEM**
[54] **SYSTEME DE TRANSPORT DE CHARGES DYNAMIQUES**
[72] BECK, JASON, US
[73] TYR TACTICAL, LLC, US
[86] (2775927)
[87] (2775927)
[22] 2012-05-03
[30] US (13/431,860) 2012-03-27

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[51] **Int.Cl. F01K 23/10 (2006.01) E21B 43/16 (2006.01) E21B 43/40 (2006.01)**
[25] EN
[54] **LOW EMISSION POWER GENERATION AND HYDROCARBON RECOVERY SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE RECUPERATION D'HYDROCARBURE ET DE GENERATION D'ENERGIE A FAIBLE TAUX D'EMISSION**
[72] NELSON, ERIC D., US
[72] MINTA, MOSES, US
[72] STARCHER, LOREN K., US
[72] MITTRICKER, FRANKLIN, US
[72] SITES, ANGUS, US
[72] DICKSON, JASPER L., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[25] EN
[54] **SYSTEM AND METHOD FOR SINGLE FREQUENCY DUAL CELL HIGH SPEED DOWNLINK PACKET ACCESS**
[54] **SYSTEME ET PROCEDE DESTINES A UN ACCES A UN PAQUET EN LIAISON DESCENDANTE HAUT DEBIT A DOUBLE CELLULE ET FREQUENCE UNIQUE**
[72] BLANZ, JOSEF J., US
[72] SAMBHWANI, SHARAD DEEPAK, US
[73] QUALCOMM INCORPORATED, US
[85] 2012-04-20
[86] 2010-11-09 (PCT/US2010/056080)
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[30] US (61/259,510) 2009-11-09
[30] US (12/941,781) 2010-11-08

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[25] EN
[54] **FIXING DEVICE FOR INTRAVITAL LUMEN**
[54] **DISPOSITIF DE FIXATION POUR LUMIERE INTRAVITALE**
[72] LI, XIANGDONG, CN
[72] YUAN, JIAN, CN
[72] CHEN, LIN, CN
[72] LI, ZHIJUN, CN
[72] TONG, WANLI, CN
[73] CHONGQING JINSHAN SCIENCE & TECHNOLOGY (GROUP) CO., LTD., CN
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[30] CN (200910207950.0) 2009-11-02

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[25] EN
[54] **MOTION PICTURE ENCODING DEVICE AND MOTION PICTURE DECODING DEVICE**
[54] **DISPOSITIF DE CODAGE DE FILM CINEMATOGRAPHIQUE ET DISPOSITIF DE DECODAGE DE FILM CINEMATOGRAPHIQUE**
[72] NAKAGAWA, AKIRA, JP
[72] MIYOSHI, HIDENOBU, JP
[73] FUJITSU LIMITED, JP
[86] (2779486)
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[51] **Int.Cl. G06F 21/62 (2013.01)**
[25] EN
[54] **KEY BASED SECURE OPERATING SYSTEM WITH SECURE DONGLE AND METHOD, AND CRYPTOGRAPHIC METHOD**
[54] **SYSTEME D'EXPLOITATION SECURISE PAR UNE CLE, AVEC DONGLE ET METHODE, ET METHODE CRYPTOGRAPHIQUE**
[72] SHE, DONG LIANG, CA
[72] PARRI, JONATHAN MARC, CA
[72] SHAPIRO, DANIEL CHARLES, CA
[73] DLS TECHNOLOGY CORPORATION, CA
[86] (2780393)
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[25] EN
[54] **SEWAGE TREATMENT APPARATUS WITH FLOCCULATION REACTION CHAMBER**
[54] **APPAREIL DE TRAITEMENT DES EAUX D'EGOUT AVEC CHAMBRE DE REACTION DE FLOCULATION**
[72] LI, JINMIN, CN
[72] ZHOU, LIANKUI, CN
[72] LI, DAYONG, CN
[73] LI, JINMIN, CN
[73] ZHOU, LIANKUI, CN
[73] LI, DAYONG, CN
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[87] (WO2011/066791)
[30] CN (200910249722.X) 2009-12-01
[30] CN (201010000737.5) 2010-01-15
[30] CN (201010531226.6) 2010-11-03

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[25] EN
[54] **A COMPOSITION FOR COLOURING CHEESE CURD**
[54] **COMPOSITION DE COLORATION DE CAILLE DE FROMAGE**
[72] SEXTON, NOEL, IE
[72] DWANE, KIERAN, IE
[72] LANGTON, JOHN, IE
[72] CURTIN, AINE, IE
[72] O'SULLIVAN, FRANK, IE
[73] CYBERCOLORS LTD., IE
[85] 2012-05-11
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[25] EN
[54] **CUSHIONING DEVICE FOR LARGE ANIMALS**
[54] **DISPOSITIF DE REMBOURRAGE POUR ANIMAUX DE GRANDE TAILLE**
[72] STEVENS, JASON, CA
[72] NUGTEREN, ROBERT, CA
[72] JENKINS, ANDREW, CA
[72] BOSMAN, JACK, CA
[73] PROMAT INC., CA
[85] 2012-05-04
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[51] **Int.Cl. B66D 1/28 (2006.01) B66C 11/00 (2006.01) B66D 1/12 (2006.01)**
[25] EN
[54] **BASE FRAME FOR A LIFTING APPARATUS HAVING REMOVABLE SUPPORT MEMBERS**
[54] **STRUCTURE DE BASE DESTINEE A UN EQUIPEMENT DE LEVAGE AYANT DES ELEMENTS DE SUPPORT AMOVIBLE**
[72] IMBUSCH, GEREON, DE
[72] KOHLENBERG, THOMAS, DE
[72] SCHULTE, FRANZ, DE
[72] ZHAO, DINGYUAN, CN
[72] SUI, WENKE, CN
[72] ZHANG, JINPING, CN
[73] TEREX MHPS GMBH, DE
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[54] **TRANSDUCTEUR ULTRASONORE, DEBITMETRE ET PROCEDE**
[72] AUGENSTEIN, DONALD R., US
[72] GRIFFITH, BOBBIE W., US
[73] CAMERON INTERNATIONAL CORPORATION, US
[85] 2012-06-06
[86] 2010-11-08 (PCT/US2010/055867)
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[30] US (12/653,913) 2009-12-19

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[51] **Int.Cl. G01V 8/16 (2006.01) E21B 47/12 (2012.01) G02B 6/02 (2006.01)**
[25] EN
[54] **BEND INSENSITIVE OPTICAL FIBER WITH IMPROVED HYDROGEN RESISTANCE**
[54] **FIBRE OPTIQUE INSENSIBLE AUX COUDES AVEC RESISTANCE AMELIOREE A L'HYDROGENE**
[72] HOMA, DANIEL, US
[72] CHILDERS, BROOKS, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2012-06-06
[86] 2010-12-08 (PCT/US2010/059507)
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[25] EN
[54] **CHANNEL SWITCHING FOR SUPPORT OF MULTIMEDIA BROADCAST AND MULTICAST SERVICES**
[54] **COMMUTATION DE VOIES POUR LA PRISE EN CHARGE DE LA DIFFUSION DE DONNEES MULTIMEDIA ET DE SERVICES MULTIDIFFUSION**
[72] TERRY, STEPHEN E., US
[73] INTEL CORPORATION, US
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[22] 2003-08-06
[62] 2,666,198
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[51] **Int.Cl. A62B 7/14 (2006.01) B64D 10/00 (2006.01)**
[25] EN
[54] **BREATHING ASSEMBLY FOR AIRCRAFT**
[54] **ENSEMBLE RESPIRATOIRE POUR AERONEF**
[72] BRUCKERT, SEBASTIEN, FR
[73] ZODIAC AEROTECHNICS, FR
[85] 2012-06-12
[86] 2010-01-22 (PCT/IB2010/000607)
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[54] **MULTI-DISK ACCESSORY ATTACHMENT PLATFORM**
[54] **PLATEFORME DE FIXATION D'ACCESSOIRES A DISQUES MULTIPLES**
[72] GREGORY, THOMAS M., US
[72] KINCAID, ROBERT A., US
[72] COOK, CLIFTON L., US
[72] YEATES, ERIC M., US
[73] ALLIANT TECHSYSTEMS INC., US
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[54] **SERRURE CYLINDRIQUE PROGRAMMABLE DOTEE D'UN NOMBRE ELEVE DE COMBINAISONS**
[72] LORETI, ALBERTO, IT
[73] RIELDA SERRATURE S.R.L., IT
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[54] **METHOD FOR OPERATING A COMBINED CYCLE POWER PLANT**
[54] **METHODE D'EXPLOITATION D'UNE CENTRALE A CYCLE COMBINE**
[72] SCHLESIER, JAN, CH
[72] OLIA, HAMID, CH
[72] SCHOENENBERGER, MARTIN, CH
[72] LIEBAU, MARTIN, CH
[73] ALSTOM TECHNOLOGY LTD, CH
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[54] **FLUID FLOW METER**
[54] **DEBITMETRE DE FLUIDE**
[72] RE, DANIEL, CH
[73] CLA-VAL CO., US
[85] 2012-08-03
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[54] **VALIDATION DE DEBITMETRES**
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[72] DERR, CHARLES W., US
[72] FORBES, GRAHAM W., US
[72] GROESCHEL, KERRY D., US
[72] STRAUB, HENRY C., JR., US
[73] DANIEL MEASUREMENT AND CONTROL, INC., US
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[54] **COPPER ANODE REFINING SYSTEM AND METHOD**
[54] **SYSTEME D'AFFINAGE D'ANODE EN CUIVRE ET METHODE**
[72] GEORGE, DAVID B., US
[72] ENRIQUEZ, ARSENIO C., US
[72] DENEYS, ADRIAN CHRISTIAN, US
[72] MAHONEY, WILLIAM JOHN, US
[72] MASTERSON, IAN FRANCIS, US
[72] MANLEY, STEPHEN, US
[72] CATES, JESSE, US
[72] ALBRECHT, KEVIN, US
[73] KENNECOTT UTAH COPPER LLC, US
[73] PRAXAIR TECHNOLOGY, INC., US
[85] 2012-08-14
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[25] EN
[54] **STRIP, SHEET OR BLANK SUITABLE FOR HOT FORMING AND PROCESS FOR THE PRODUCTION THEREOF**
[54] **BANDE, FEUILLE OU EBAUCHE ADAPTEE AU THERMOFORMAGE ET PROCEDE DE PRODUCTION ASSOCIE**
[72] ROUT, TAPAN KUMAR, NL
[72] GO, JOHNSON, NL
[72] GAIKWAD, ANIL VILAS, NL
[73] TATA STEEL NEDERLAND TECHNOLOGY BV, NL
[73] TATA STEEL LIMITED, IN
[85] 2012-08-15
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[25] EN
[54] **ACTIVATION AND DEACTIVATION OF COMPONENT CARRIER MEASUREMENTS BASED ON THRESHOLD SETTINGS**
[54] **INSTAURATION ET ARRET DES MESURES DE PORTEUSES CONSTITUTIVES SUR LA BASE DE DEFINITIONS DE SEUILS**
[72] DALSGAARD, LARS, FI
[72] KOSKELA, JARKKO, FI
[72] KAIKKONEN, JORMA, FI
[72] HENTTONEN, TERO, FI
[73] NOKIA TECHNOLOGIES OY, FI
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[54] **METHOD AND APPARATUS FOR PRESCRIPTION MEDICATION VERIFICATION**
[54] **PROCEDE ET APPAREIL POUR VERIFICATION DE MEDICAMENT SUR ORDONNANCE**
[72] LANG, DAVID A., US
[72] YANEZ, DAVID A., US
[72] TARR, NELSON D., US
[72] BURT, CHRIS S., US
[73] ILLINOIS TOOL WORKS INC., US
[86] (2790220)
[87] (2790220)
[22] 2012-09-18
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[25] EN
[54] **MOBILE WIRELESS COMMUNICATIONS DEVICE FOR NEAR FIELD COMMUNICATION (NFC)OPERATIONS AND RELATED METHODS**
[54] **DISPOSITIF DE COMMUNICATION SANS FIL MOBILE POUR COMMUNICATIONS EN CHAMP PROCHE ET METHODES CONNEXES**
[72] HAGEDORN, J. DAVID, CA
[73] BLACKBERRY LIMITED, CA
[86] (2790554)
[87] (2790554)
[22] 2012-09-21
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[25] EN
[54] **HIGH-STRENGTH RIBBON PINTLES AND ANCHORING SYSTEMS UTILIZING THE SAME**
[54] **BANDES DE RUBAN HAUTE RESISTANCE ET SYSTEMES D'ANCRAGE LES UTILISANT**
[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
[86] (2790659)
[87] (2790659)
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[25] EN
[54] **MULTI WAVELENGTH DTS FIBER WINDOW WITH PSC FIBERS**
[54] **FENETRE DE FIBRES DTS A LONGUEURS D'ONDE MULTIPLES COMPRENANT DES FIBRES PSC**
[72] KALAR, KENT, US
[72] JAASKELAINEN, MIKKO, US
[73] SENSORTRAN, INC, US
[85] 2012-08-28
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[25] EN
[54] **CYCLOALKYL-SUBSTITUTED IMIDAZOLE DERIVATIVE**
[54] **DERIVE D'IMIDAZOLE SUBSTITUE PAR CYCLOALKYLE**
[72] NAGATA, TSUTOMU, JP
[72] INOUE, MASAHIRO, JP
[72] ASHIDA, YUKA, JP
[72] NOGUCHI, KENGO, JP
[72] ONO, MAKOTO, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2012-08-29
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[51] **Int.Cl. G09G 3/3208 (2016.01) G09G 5/12 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR OVERLAPPING DISPLAY**
[54] **METHODE ET DISPOSITIF POUR AFFICHAGE DE SUPERPOSITION**
[72] PROCIW, PHILIP JAMES, CA
[73] BLACKBERRY LIMITED, CA
[86] (2791577)
[87] (2791577)
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[51] **Int.Cl. H05K 1/02 (2006.01) H04W 92/08 (2009.01)**
[25] EN
[54] **UNIVERSAL INTEGRATED CIRCUIT CARD APPARATUS AND RELATED METHODS**
[54] **APPAREIL DE CARTE DE CIRCUITS INTEGRES UNIVERSELLE ET METHODES CONNEXES**
[72] SCHWANDT, SHELDON TERRY, CA
[72] DEHMOUBED, FARZIN, CA
[72] INFANTI, JAMES CARL, CA
[72] LOS, OLEG, US
[72] LEPP, JAMES RANDOLPH WINTER, CA
[73] BLACKBERRY LIMITED, CA
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[51] **Int.Cl. H04W 4/02 (2009.01) H04W 4/12 (2009.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR DETERMINING GEOFENCE DATA BASED ON ESTIMATED TIME OF ARRIVAL**
[54] **METHODE, SYSTEME ET APPAREIL POUR DETERMINER LES DONNEES DE GEOREPERAGE FONDEES SUR L'HEURE D'ARRIVEE PREVUE**
[72] SARTIPI, SIAMAK, CA
[72] BECKETT, JASON CHRISTOPHER, CA
[73] BLACKBERRY LIMITED, CA
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[87] (2791714)
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[51] **Int.Cl. A61F 2/32 (2006.01)**
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[54] **INTERLOCKING REVERSE HIP AND REVISION PROSTHESIS**
[54] **BLOCAGE DE HANCHE INVERSEE ET PROTHESE DE REMPLACEMENT**
[72] TERMANINI, ZAFER, US
[73] HIP INNOVATION TECHNOLOGY LLC, US
[85] 2012-08-31
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[25] EN
[54] **ULTRASONIC INSTRUMENT FOR THE DEFORMATION TREATMENT OF SURFACES AND WELD JOINTS**
[54] **INSTRUMENT ULTRASONIQUE POUR TRAITEMENT PAR DEFORMATION DE SURFACES ET DE CONNEXIONS PAR SOUDURE**
[72] KLEIMAN, JACOB, CA
[72] LUGOVSKYI, OLEKSANDR, UA
[72] MOVCHANYUK, ANDREY, UA
[72] KUDRYAVTSEV, YURIY, CA
[73] STRUCTURAL INTEGRITY TECHNOLOGIES INC., CA
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[25] EN
[54] **METHOD FOR TRANSMITTING CONTROL CHANNEL TO RELAY NODE IN WIRELESS COMMUNICATION SYSTEM AND APPARATUS THEREOF**
[54] **PROCEDE D'ENVOI D'UN CANAL DE COMMANDE A UN NOEUD DE RELAIS DANS UN SYSTEME DE COMMUNICATION SANS FIL ET APPAREIL CORRESPONDANT**
[72] KIM, HAK SEONG, KR
[72] KIM, BYOUNG HOON, KR
[72] LEE, DAE WON, KR
[72] KIM, KI JUN, KR
[73] LG ELECTRONICS INC., KR
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[54] **ASSEMBLING A KEYPAD TO A MOBILE DEVICE**
[54] **ASSEMBLAGE D'UN CLAVIER SUR UN APPAREIL MOBILE**
[72] HUANG, LI, CA
[72] PEGG, ALBERT MURRAY, CA
[72] MASSER, PAUL, CA
[73] BLACKBERRY LIMITED, CA
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[54] **DETECTION DEVICE FOR DETECTING ANALYTES IN LIQUID SPECIMEN**
[54] **DISPOSITIF DE DETECTION POUR DETECTER DES ANALYTES DANS UN ECHANTILLON LIQUIDE**
[72] HU, LIN, CN
[72] HU, HAIPENG, CN
[72] WU, YINFEI, CN
[73] ABON BIOPHARM (HANGZHOU) CO., LTD., CN
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[54] **ADJUSTABLE DIE**
[54] **FILIERE EXTENSIBLE**
[72] CAIN, BRANDON, US
[72] TRAVIS, TODD, US
[72] CALZONCINTH, ERIC, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[51] **Int.Cl. F02N 3/02 (2006.01) B25G 1/00 (2006.01)**
[25] EN
[54] **HANDLES FOR STARTER PULL CORDS**
[54] **POIGNEES POUR CORDES DE LANCEUR**
[72] ABELL, CAMERON, CA
[72] ABELL, PAUL, CA
[73] MARVEL INNOVATIONS INC., CA
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[86] 2011-04-08 (PCT/CA2011/000370)
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[54] **URINARY DEVICE**
[54] **DISPOSITIF URINAIRE**
[72] SHELTON, MICHAEL, GB
[72] MAXWELL, PETER, GB
[72] GUNNS, GRAHEME, GB
[73] AIM-STRAIGHT LIMITED, GB
[85] 2012-10-10
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[25] EN
[54] **A FRAMING AND FORMING HAMMER**
[54] **UN MARTEAU POUR MONTANT ET CONSTRUCTION**
[72] BRONEE, LES, CA
[73] BRONEE, LES, CA
[86] (2795968)
[87] (2795968)
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[54] **METHOD AND ENCODER AND DECODER FOR GAP - LESS PLAYBACK OF AN AUDIO SIGNAL**
[54] **PROCEDE, CODEUR ET DECODEUR POUR LA REPRODUCTION A INTERVALLE MOINDRE D'UN SIGNAL AUDIO**
[72] DOEHLA, STEFAN, DE
[72] SPERSCHNEIDER, RALF, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[86] 2011-04-12 (PCT/EP2011/055728)
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[25] EN
[54] **AUDIO OR VIDEO ENCODER, AUDIO OR VIDEO DECODER AND RELATED METHODS FOR PROCESSING MULTI-CHANNEL AUDIO OR VIDEO SIGNALS USING A VARIABLE PREDICTION DIRECTION**
[54] **CODEUR AUDIO OU VIDEO, DECODEUR AUDIO OU VIDEO ET PROCEDES APPARENTES POUR UN TRAITEMENT DE SIGNAUX AUDIO OU VIDEO MULTICANAUX A L'AIDE D'UNE DIRECTION DE PREDICTION VARIABLE**
[72] ROBILLIARD, JULIEN, DE
[72] NEUSINGER, MATTHIAS, DE
[72] HELMRICH, CHRISTIAN, DE
[72] HILPERT, JOHANNES, DE
[72] RETTELBACH, NIKOLAUS, DE
[72] DISCH, SASCHA, DE
[72] EDLER, BERND, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[86] 2011-02-17 (PCT/EP2011/052354)
[87] (WO2011/128138)
[30] US (61/323,683) 2010-04-13

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[25] EN
[54] **AUTOMATIC DISHWASHING DETERGENT COMPOSITION**
[54] **COMPOSITION DETERGENTE POUR LE LAVAGE DE LA VAISSELLE EN MACHINE**
[72] SOUTER, PHILLIP FRANK, GB
[72] WARD, GLENN STEVEN, GB
[72] GOEDEGEBUUR, FRITS, NL
[72] POULOSE, AYROOKARAN JOSEPH, US
[72] ESTELL, DAVID A., US
[72] BOTT, RICHARD R., US
[72] CASCAO-PEREIRA, LUIS GUSTAVO, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2012-10-15
[86] 2011-04-06 (PCT/US2011/031378)
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[30] US (61/324,472) 2010-04-15
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[25] EN
[54] **MOBILE WIRELESS COMMUNICATIONS DEVICE WITH NFC COUPLING CIRCUIT AND RELATED METHODS**
[54] **APPAREIL DE COMMUNICATION SANS FIL MOBILE AVEC CIRCUIT DE COUPLAGE NFC ET METHODES CONNEXES**
[72] ZHU, LIZHONG, CA
[72] ZHU, LIBO, CA
[73] RESEARCH IN MOTION LIMITED, CA
[86] (2796613)
[87] (2796613)
[22] 2012-11-23
[30] EP (12150410.4) 2012-01-06

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[51] **Int.Cl. B07B 1/46 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SEPARATING SOLIDS FROM A SOLIDS LADEN DRILLING FLUID**
[54] **APPAREIL ET PROCEDE PERMETTANT DE SEPARER DES MATIERES SOLIDES D'UNE BOUE DE FORAGE CHARGEE EN MATIERES SOLIDES**
[72] BURNETT, GEORGE ALEXANDER, GB
[72] LARSON, THOMAS ROBERT, US
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2012-10-18
[86] 2011-04-11 (PCT/GB2011/050714)
[87] (WO2011/135325)
[30] US (12/771,201) 2010-04-30

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[51] **Int.Cl. C12Q 1/02 (2006.01) G01N 33/15 (2006.01) G01N 33/567 (2006.01) C40B 30/06 (2006.01)**
[25] EN
[54] **PROCESSES AND KITS FOR DETERMINING MULTI-DRUG RESISTANCE OF CELLS**
[54] **PROCEDES ET KITS POUR DETERMINER LA MULTIRESISTANCE DE CELLULES AUX MEDICAMENTS**
[72] LEBEDEVA, IRINA, US
[72] PANDE, PRAVEEN, US
[72] PATTON, WAYNE FORREST, US
[73] ENZO LIFE SCIENCES, INC., US
[85] 2012-10-26
[86] 2011-04-25 (PCT/US2011/033776)
[87] (WO2011/139634)
[30] US (12/799,853) 2010-05-03

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[51] **Int.Cl. G01K 11/32 (2006.01) G01N 21/65 (2006.01)**
[25] EN
[54] **MITIGATION OF RADIATION INDUCED ATTENUATION LOSSES IN OPTIC FIBERS**
[54] **LIMITATION DE PERTES D'ATTENUATION INDUITES PAR LE RAYONNEMENT DANS DES FIBRES OPTIQUES**
[72] JAASKELAINEN, MIKKO, US
[73] SENSORTRAN, INC., US
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[54] **DISTRIBUTEUR DE TICKETS**
[72] CAMPO, JAMES A., US
[72] MANNS, TIMOTHY J., US
[72] GALLO, MICHAEL J., US
[72] SZCZEPANSKI, KEITH G., US
[72] JOHNSON, GLENN C., US
[73] E-MAX GAMING CORPORATION, US
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[54] **DISTRIBUTED, MULTIPLEXED FIBER OPTIC CURRENT TRANSDUCER USING OPTICAL POWER DIVISION**
[54] **TRANSDUCTEUR DE COURANT A FIBRE OPTIQUE MULTIPLEXE ET REPARTI UTILISANT LA DIVISION DE L'ENERGIE OPTIQUE**
[72] LEE, BOON KWEE, US
[72] WELCH, VICTOR, US
[72] KOSTE, GLEN PETER, US
[72] DEKATE, SACHIN NARAHARI, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **METHOD AND SYSTEM FOR AUDIO ROUTING IN A VEHICLE MOUNTED COMMUNICATION SYSTEM**
[54] **PROCEDE ET SYSTEME DE ROUTAGE AUDIO DANS UN SYSTEME DE COMMUNICATION DE VEHICULE**
[72] PINDER, ELLIS A., US
[72] WONG, JACK, US
[73] MOTOROLA SOLUTIONS, INC., US
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[54] **AFFAIBLISSEMENT PAR EFFET DE SYNERGIE DU VIRUS DE LA STOMATITE VESICULA RE (VSV), VECTEURS CORRESPONDANTS, ET COMPOSITIONS IMMUNOGENES CORRESPO DANTES**
[72] CLARKE, DAVID KIRKWOOD, US
[72] HENDRY, ROGER MICHAEL, US
[72] UDEM, STEPHEN A., US
[72] PARKS, CHRISTOPHER LEE, US
[73] WYETH, US
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[54] **PATTE DE MISE A LA TERRE TOURNANTE**
[72] PYRON, ROGER, US
[73] THOMAS & BETTS INTERNATIONAL, INC., US
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[54] **TIGE ROTATIVE INSTRUMENTEE**
[72] HURST, GREGG W., US
[72] LEMBCKE, JEFFREY J., US
[72] PAULET, BRYAN A., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **DISPOSITIF DE TEST DE COMMUNICATION ET PROCEDE ASSOCIE**
[72] CHOI, BYOUNG-JU, KR
[72] SEO, JOO-YOUNG, KR
[72] YANG, SUENG-WAN, KR
[72] KIM, YOUNG SU, KR
[72] KWON, HAE YOUNG, KR
[72] OH, JUNG SUK, KR
[72] JANG, SEUNG YEUN, KR
[73] KIA MOTORS CORPORATION, KR
[73] EWHA UNIVERSITY-INDUSTRY COLLABORATION FOUNDATION, KR
[73] HYUNDAI MOTOR COMPANY, KR
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[54] **COMMUNICATIONS DEVICE AND METHOD FOR HAVING INTEGRATED NFC ANTENNA AND TOUCH SCREEN DISPLAY**
[54] **APPAREIL DE COMMUNICATION ET METHODE D'UTILISATION D'ANTENNE NFC INTEGREE ET ECRAN TACTILE**
[72] PAREKH, PREMAL, CA
[72] SINGH, AMIT PAL, CA
[72] DIPPEL, JEFFERY JOHN PAUL, CA
[73] BLACKBERRY LIMITED, CA
[86] (2802136)
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[54] **D2 ANTAGONISTS, METHODS OF SYNTHESIS AND METHODS OF USE**
[54] **ANTAGONISTES D2, PROCEDES DE SYNTHESE ET METHODES D'UTILISATION**
[72] LUEHR, GARY W., US
[72] SUNDARAM, ARATHI, US
[72] JAISHANKAR, PRIYADARSHINI, US
[72] PAYNE, PHILIP W., US
[72] DRUZGALA, PASCAL, US
[73] ALTOS THERAPEUTICS, LLC, US
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[54] **SYSTEM, METHOD, AND APPARATUS FOR OILFIELD EQUIPMENT PROGNOSTICS AND HEALTH MANAGEMENT**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR DES PRONOSTICS D'EQUIPEMENTS DE CHAMP PETROLIFERE ET LA GESTION SANITAIRE**
[72] SRIDHAR, GARUD, SG
[72] WEDGE, MIKE, US
[72] LE, DZUNG, US
[72] ADNAN, SARMAD, US
[72] WIJAYA, ISKANDAR, US
[72] DEFREITAS, ORLANDO, US
[72] ROLOVIC, RADOVAN, US
[72] ALDANA, SANDRA, US
[72] RODRIGUEZ, LUIS, US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **THERMAL CONTROL OF SOLID STATE LIGHT SOURCES BY VARIABLE SERIES IMPEDANCE**
[54] **REGULATION THERMIQUE DE SOURCES DE LUMIERE A SEMI-CONDUCTEURS PAR IMPEDANCE SERIE VARIABLE**
[72] ANTONY, BIJU, US
[72] CROSS, JOHN, US
[73] OSRAM SYLVANIA INC., US
[85] 2012-12-18
[86] 2011-08-03 (PCT/US2011/046424)
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[54] **IMPROVED HEATED WIPER BLADE FOR MOTOR VEHICLES AND THE LIKE**
[54] **BALAI D'ESSUIE-GLACE CHAUFFE PERFECTIONNE POUR VEHICULES MOTORISES ET SIMILAIRES**
[72] JONES, JOHNNIE L., US
[73] HWB, LLC, US
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[54] **SYSTEM AND METHOD FOR STORING A PASSWORD RECOVERY SECRET**
[54] **SYSTEME ET PROCEDE DE STOCKAGE D'UN SECRET DE RECUPERATION DE MOT DE PASSE**
[72] TRIBBLE, GUY LESLIE, US
[73] APPLE INC., US
[85] 2012-12-28
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[25] EN
[54] **NUCLEIC ACID DELIVERY COMPOSITION AND CARRIER COMPOSITION, PHARMACEUTICAL COMPOSITION USING THE SAME, AND METHOD FOR NUCLEIC ACID DELIVERY**
[54] **COMPOSITION D'ADMINISTRATION D'ACIDES NUCLEIQUES, COMPOSITION D'EXCIPIENT, COMPOSITION PHARMACEUTIQUE CONTENANT LA COMPOSITION D'ADMINISTRATION D'ACIDES NUCLEIQUES OU LA COMPOSITION D'EXCIPIENT ET METHODE D'ADMINISTRATION D'ACIDES NUCLEIQUES**
[72] KATAOKA, KAZUNORI, JP
[72] ISHII, TAKEHIKO, JP
[72] OSADA, KENSUKE, JP
[72] CHEN, QIXIAN, JP
[72] ITAKA, KEIJI, JP
[72] UCHIDA, SATOSHI, JP
[73] THE UNIVERSITY OF TOKYO, JP
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[54] **HIGH-STRENGTH COLD ROLLED SHEET HAVING EXCELLENT FORMABILITY AND CRASHWORTHINESS AND METHOD FOR MANUFACTURING THE SAME**
[54] **TOLE D'ACIER LAMINEE A FROID, A HAUTE RESISTANCE, DOTEE D'UNE OUVRABILITE ET D'UNE RESISTANCE AUX CHOCS REMARQUABLES, ET SON PROCEDE DE FABRICATION**
[72] NAKAGAITO, TATSUYA, JP
[72] MATSUOKA, SAIJI, JP
[72] KANEKO, SHINJIRO, JP
[72] KAWASAKI, YOSHIYASU, JP
[73] JFE STEEL CORPORATION, JP
[85] 2013-01-17
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[25] EN
[54] **IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD, AND COMPUTER-READABLE RECORDING MEDIUM**
[54] **APPAREIL DE TRAITEMENT D'IMAGE, PROCEDE DE TRAITEMENT D'IMAGE ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR**
[72] ISHII, MASAKI, JP
[72] KINOSHITA, AKIRA, JP
[72] IMAI, TAKAHIRO, JP
[72] NAMIE, KENJI, JP
[73] RICOH COMPANY, LTD., JP
[85] 2013-01-21
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[54] **OPERATOR INTERFACE FOR HYDRAULIC TOOL CONTROL**
[54] **INTERFACE D'OPERATEUR POUR COMMANDE D'OUTILS HYDRAULIQUES**
[72] RENNER, ROSS, US
[72] WIERSCHKE, CHRISTOPHER JAY, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2013-01-24
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[54] **RECLAIMING APPARATUS AND RECLAIMING METHOD**
[54] **APPAREIL DE RECUPERATION ET PROCEDE DE RECUPERATION**
[72] IIJIMA, MASAKI, JP
[72] TATSUMI, MASAHIKO, JP
[72] YAGI, YASUYUKI, JP
[72] OGURA, KOUKI, JP
[73] THE KANSAI ELECTRIC POWER CO., INC., JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2013-01-25
[86] 2011-07-26 (PCT/JP2011/066968)
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[54] **ABSORBENT ARTICLE AND COMPONENTS THEREOF HAVING IMPROVED SOFTNESS SIGNALS, AND METHODS FOR MANUFACTURING**
[54] **ARTICLE ABSORBANT ET SES COMPOSANTS DOTES DE SIGNES DE SOUPLESSE AMELIORES ET PROCEDES DE FABRICATION**
[72] KANYA, KEVIN RONALD, US
[72] COSLETT, W. ANDREW, US
[72] PARSONS, JOHN C., US
[73] THE PROCTER & GAMBLE COMPANY, US
[73] FIRST QUALITY NONWOVENS, INC., US
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[54] **COMPOSITE BIOPOLYMERE-MINERAL AUTO-DILATABLE POUR LA REPARATION D'UN TISSU MINERALISE**
[72] LI, SHU-TUNG, US
[72] CHEN, HUI-CHEN, US
[72] YUEN, DEBBIE, US
[73] COLLAGEN MATRIX, INC., US
[85] 2013-02-05
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[54] **SWITCH ASSEMBLY WITH SEQUENTIALLY ACTUATED POWER AND NEUTRAL SWITCHING**
[54] **DISPOSITIF DE COMMUTATION A ACTIVATION SEQUENTIELLE ET COMMUTATION AU NEUTRE**
[72] CZARNECKI, NEIL A., US
[73] RELIANCE CONTROLS CORPORATION, US
[86] (2807608)
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[54] **PATATES PELEES EXEMPTES DE PRODUITS CHIMIQUES ET D'AGENTS DE CONSERVATION**
[72] COHN, LARRY, CA
[73] SMART SPUDS INC., CA
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[54] **AMORCAGE DE DRAINAGE PAR GRAVITE UTILISANT DES RADIOFREQUENCES ET UN SOLVANT**
[72] PARSCHE, FRANCIS EUGENE, US
[72] TRAUTMAN, MARK ALAN, US
[72] SULTENFUSS, DANIEL R., US
[72] DREHER, WAYNE REID, US
[72] WHEELER, THOMAS J., US
[73] CONOCOPHILLIPS COMPANY, US
[73] HARRIS CORPORATION, US
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[54] **MECANISME D'OUVERTURE SUR PANNE POUR INTERRUPTEUR MOTORISE**
[72] GHOREISHI, OMID, CA
[72] ILOCHONWU, OBINNA, CA
[72] LIM, JEFFREY, CA
[72] IGE, ADUN, US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **PURIFICATION EN TANDEM DE PROTEINES**
[72] COFFMAN, JONATHAN LEE, US
[72] GODAVARTI, RANGANATHAN, US
[72] SHAMASHKIN, MICHAEL, US
[73] PFIZER INC., US
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[25] EN
[54] **METHODS AND SYSTEMS FOR ENHANCED DELIVERY OF THERMAL ENERGY FOR HORIZONTAL WELLBORES**
[54] **PROCEDES ET SYSTEMES POUR DELIVRANCE AMELIOREE D'ENERGIE THERMIQUE POUR DES FORAGES DE PUITS HORIZONTAUX**
[72] HYTKEN, KENT, US
[73] FUTURE ENERGY, LLC, US
[85] 2013-02-15
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[54] **METHODS AND APPARATUSES FOR ATTACHING A STATOR CORE TO A GENERATOR FRAME**
[54] **PROCEDES ET APPAREILS POUR ATTACHER UN NOYAU STATORIQUE A UN CADRE DE GENERATEUR**
[72] ALLEN, DAVID T., US
[72] SARGEANT, JOHN B., US
[73] SIEMENS ENERGY, INC., US
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[25] EN
[54] **METHOD OF AND APPARATUS FOR MAKING MESH-LIKE METAL MATS**
[54] **PROCEDE ET APPAREIL DE FABRICATION DE TAPIS DE TYPE TREILLIS METALLIQUE**
[72] STAHL, KARL-HERMANN, DE
[73] HACANOKA GMBH, DE
[85] 2013-02-21
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[87] (WO2012/031577)
[30] DE (10 2010 044 695.5) 2010-09-08

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[25] FR
[54] **PROCESS FOR MANUFACTURING A MECHANICAL MEMBER MADE OF A COMPOSITE HAVING INCREASED MECHANICAL STRENGTH**
[54] **PROCEDE DE FABRICATION D'UN ORGANE MECANIQUE EN MATERIAU COMPOSITE AYANT UNE TENUE MECANIQUE ACCRUE**
[72] MASSON, RICHARD, FR
[72] DUNLEAVY, PATRICK, FR
[73] MESSIER-BUGATTI-DOWTY, FR
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[86] 2011-08-30 (PCT/EP2011/064873)
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[54] **PLOW BLADE AND METHOD**
[54] **SOC DE CHARRUE ET PROCEDE**
[72] FOX, ERIC, US
[72] ABRAMCZYK, RON, US
[73] IRONHAWK INDUSTRIAL DISTRIBUTION LLC, US
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[54] **CONFIGURATION GENERIQUE ET SECURISEE DE DISPOSITIF FINAL AMI**
[72] KELLEY, RAYMOND H., US
[72] SCOGGINS, SEAN M., US
[72] MASON, ROBERT T., JR., US
[72] COLONNA, DONATO, US
[72] ROGERS, RICHARD, US
[73] ELSTER SOLUTIONS, LLC, US
[86] (2809961)
[87] (2809961)
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[54] **INACTIVATION D'ORGANISMES PATHOGENES**
[72] MORRIS-WATSON, MICHAEL EDWARD, GB
[72] FOSTER, DUNCAN JAMES, GB
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[86] 2010-09-13 (PCT/GB2010/051523)
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[54] **SEQUENTIAL EXTRACTION PROCESS**
[54] **PROCESSUS D'EXTRACTION SEQUENTIEL**
[72] MANTIUS, HAROLD L., US
[73] OCEAN SPRAY CRANBERRIES, INC., US
[85] 2013-03-14
[86] 2010-09-16 (PCT/US2010/049158)
[87] (WO2012/036690)

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[51] **Int.Cl. G06F 17/17 (2006.01)**
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[54] **FUNCTION APPROXIMATION CIRCUITRY**
[54] **CIRCUITERIE D'APPROXIMATION DE FONCTION**
[72] NOGUEIRA, MARCO P., CA
[72] DEVISON, STEPHEN A., CA
[73] BLACKBERRY LIMITED, CA
[86] (2811755)
[87] (2811755)
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[25] EN
[54] **METHODS FOR IMPROVING TASTE AND ORAL CARE COMPOSITIONS WITH IMPROVED TASTE**
[54] **PROCEDES D'AMELIORATION DU GOUT ET COMPOSITIONS DE SOIN BUCCAL AVEC UN GOUT AMELIORE**
[72] HAUGHT, JOHN CHRISTIAN, US
[72] SANKER, LOWELL ALAN, US
[72] LIN, YAKANG, US
[72] SREEKRISHNA, KOTI TATACHAR, US
[73] THE PROCTER & GAMBLE COMPANY, US
[86] (2812028)
[87] (2812028)
[22] 2010-04-21
[62] 2,760,445
[30] US (61/173,711) 2009-04-29
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[25] EN
[54] **PET DIAPER HOLDER USING DISPOSABLE HUMAN DIAPERS**
[54] **PORTE-COUCHE POUR ANIMAUX DE COMPAGNIE UTILISANT DES COUCHES JETABLES POUR HUMAINS**
[72] MEHTUPCIU-IONESCU, ELENA, CA
[73] MEHTUPCIU-IONESCU, ELENA, CA
[86] (2812177)
[87] (2812177)
[22] 2013-04-03
[30] US (13/438,134) 2012-04-03

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[51] **Int.Cl. F03D 7/06 (2006.01) F03D 3/00 (2006.01) H02K 7/18 (2006.01) H02P 9/04 (2006.01)**
[25] EN
[54] **A BRAKE ASSEMBLY FOR A VERTICAL AXIS WIND TURBINE**
[54] **ENSEMBLE DE FREINAGE POUR EOLIENNE A AXE VERTICAL**
[72] FARLEY, GREG, US
[73] WINDLABS, INC., US
[86] (2812401)
[87] (2812401)
[22] 2013-04-10
[30] US (61/622,762) 2012-04-11
[30] US (61/623,099) 2012-04-12
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[54] **DEICER ZONES WITH HEATING-ENHANCED BORDERS**
[54] **ZONES DE DEGIVRAGE AVEC BORDURES CHAUFFANTES**
[72] BOTURA, GALDEMIR, US
[72] BURKETT, BRIAN, US
[72] MITROVIC, MILAN, US
[73] GOODRICH CORPORATION, US
[86] (2812452)
[87] (2812452)
[22] 2013-04-11
[30] US (61/623,047) 2012-04-11
[30] US (61/623,050) 2012-04-11

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[25] EN
[54] **PRODUCT DISPENSING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE PRODUIT**
[72] WALLING, BRADFORD J., US
[72] GELARDI, JOHN A., US
[72] BATES, AARON L., US
[73] MEADWESTVACO CORPORATION, US
[85] 2013-03-22
[86] 2011-09-14 (PCT/US2011/051550)
[87] (WO2012/044461)
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[25] EN
[54] **LINE CAPTURE DEVICES FOR UNMANNED AIRCRAFT, AND ASSOCIATED SYSTEMS AND METHODS**
[54] **DISPOSITIFS DE CAPTURE DE LIGNE POUR AVION SANS PILOTE ET SYSTEMES ET PROCEDES ASSOCIES**
[72] DICKSON, MATTHEW ROBERT, US
[72] THOMASIAN, CRAIG ARAM, US
[73] INSITU INC., US
[85] 2013-03-26
[86] 2011-09-27 (PCT/US2011/053534)
[87] (WO2012/047677)
[30] US (61/386,956) 2010-09-27

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[51] **Int.Cl. H04B 7/04 (2006.01) H04W 72/04 (2009.01) H04L 27/26 (2006.01)**
[25] EN
[54] **ORTHOGONAL RESOURCE SELECTION TRANSMIT DIVERSITY**
[54] **TRANSMISSION EN DIVERSITE AVEC SELECTION DE RESSOURCES ORTHOGONALES**
[72] EBRAHIMI TAZEH MAHALLEH, MASOUD, CA
[72] HARRISON, ROBERT MARK, US
[72] HEO, YOUN HYOUNG, KR
[72] JIA, YONGKANG, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-03-28
[86] 2011-09-29 (PCT/US2011/053857)
[87] (WO2012/044752)
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[30] US (61/443,525) 2011-02-16
[30] US (61/511,299) 2011-07-25

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[25] EN
[54] **ORTHOGONAL RESOURCE SELECTION TRANSMIT DIVERSITY AND RESOURCE ASSIGNMENT**
[54] **TRANSMISSION EN DIVERSITE AVEC SELECTION DE RESSOURCES ORTHOGONALES ET AFFECTATION DE RESSOURCES**
[72] HARRISON, ROBERT MARK, US
[72] HEO, YOUN HYOUNG, KR
[72] EBRAHIMI TAZEH MAHALLEH, MASOUD, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-03-28
[86] 2011-09-29 (PCT/US2011/053882)
[87] (WO2012/044764)
[30] US (61/388,982) 2010-10-01
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[30] US (61/511,299) 2011-07-25
[30] US (61/522,434) 2011-08-11

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[25] EN
[54] **LOAD BALANCING BETWEEN GENERAL PURPOSE PROCESSORS AND GRAPHICS PROCESSORS**
[54] **EQUILIBRAGE DE CHARGE ENTRE DES PROCESSEURS A USAGE GENERAL ET DES PROCESSEURS GRAPHIQUES**
[72] BONE, IAN M., US
[72] BAPTISTE, EDEN ASHLEY JN, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2013-04-10
[86] 2011-12-12 (PCT/US2011/064348)
[87] (WO2012/082589)
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[51] **Int.Cl. A23C 9/12 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING LIQUID FERMENTED MILK**
[54] **PROCEDE DE FABRICATION DE LAIT FERMENTE LIQUIDE**
[72] SAITO, MASATO, JP
[72] AOYAMA, YUKA, JP
[72] YAMAMOTO, MASASHI, JP
[73] MEIJI CO., LTD., JP
[85] 2013-04-11
[86] 2011-10-11 (PCT/JP2011/073352)
[87] (WO2012/050094)
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[25] EN
[54] **FUEL CELL WITH SEPARATOR FORMED BY JOINING TWO PLATES HAVING THE SAME OUTER SHAPE**
[54] **PILE A COMBUSTIBLE DOTEE D'UN SEPARATEUR FORME EN JOIGNANT DEUX PLAQUES AYANT LA MEME FORME EXTERIEURE**
[72] SUGIURA, SEIJI, JP
[72] NAKAMURA, TETSUYA, JP
[73] HONDA MOTOR CO., LTD., JP
[85] 2013-04-19
[86] 2011-09-05 (PCT/JP2011/070130)
[87] (WO2012/053288)
[30] JP (2010-235721) 2010-10-20
[30] JP (2010-235718) 2010-10-20
[30] JP (2010-235427) 2010-10-20
[30] JP (2010-235425) 2010-10-20
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[25] EN
[54] **DYNAMIC ENCODE SETTING ADJUSTMENT**
[54] **AJUSTEMENT DE PARAMETRAGE D'ENCODAGE DYNAMIQUE**
[72] RAO, NARAYANA, IN
[72] IYER, SATISH, IN
[73] SLING MEDIA PVT LTD, IN
[85] 2013-04-23
[86] 2011-04-26 (PCT/IN2011/000276)
[87] (WO2012/056469)
[30] US (12/913,625) 2010-10-27

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[51] **Int.Cl. H04N 7/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CAMERA CONTROL IN A SURVEILLANCE SYSTEM**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE CAMERA DANS UN SYSTEME DE SURVEILLANCE**
[72] ESTES, ANDREW D., US
[72] FREDERICK, JOHNNY E., US
[73] INTERGRAPH CORPORATION, US
[85] 2013-05-01
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[25] EN
[54] **INDEPENDENT-BEAM GAS FILTER CORRELATION RADIOMETRY WITH FIELD-OF-VIEW MATCHING**
[54] **RADIOMETRIE DE CORRELATION DE FILTRE A GAZ INDEPENDANT DU FAISCEAU A CONCORDANCE DE CHAMP DE VISION**
[72] GORDLEY, LARRY L., US
[73] G & A TECHNICAL SOFTWARE, INC., US
[86] (2816667)
[87] (2816667)
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[51] **Int.Cl. G06F 11/30 (2006.01) G06F 17/00 (2006.01)**
[25] EN
[54] **SCALABLE ANALYTICAL PROCESSING OF STRUCTURED DATA**
[54] **TRAITEMENT ANALYTIQUE EVOLUTIF POUR DONNEES STRUCTUREES**
[72] PETERSEN, CHRIS, US
[72] VILLELLA, PHILLIP, US
[72] AISA, BRAD, US
[73] LOGRHYTHM, INC., US
[85] 2013-05-09
[86] 2011-11-23 (PCT/US2011/062079)
[87] (WO2012/071533)
[30] US (61/417,114) 2010-11-24

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[51] **Int.Cl. C08L 63/00 (2006.01) C08G 59/18 (2006.01) F03D 1/06 (2006.01)**
[25] EN
[54] **STRUCTURAL ADHESIVE COMPOSITIONS**
[54] **COMPOSITIONS D'ADHESIF STRUCTURAL**
[72] DESAI, UMESH C., US
[72] CHAO, TIEN-CHIEH, US
[72] NAKAJIMA, MASAYUKI, US
[72] RAGUNATHAN, KALIAPPA G., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2013-05-15
[86] 2011-11-17 (PCT/US2011/061265)
[87] (WO2012/068414)
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[51] **Int.Cl. H01Q 5/10 (2015.01) H04W 88/02 (2009.01) H04B 7/02 (2006.01)**
[25] EN
[54] **DUAL-BAND LTE MIMO ANTENNA**
[54] **ANTENNE MIMO LTE BIBANDES**
[72] WANG, DONG, CA
[72] WARDEN, JAMES PAUL, US
[73] BLACKBERRY LIMITED, CA
[86] (2819665)
[87] (2819665)
[22] 2013-06-28
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[51] **Int.Cl. H01Q 7/00 (2006.01) H04B 5/00 (2006.01) H04L 27/34 (2006.01)**
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[54] **A DEVICE HAVING A QUADRATURE NEAR FIELD COMMUNICATION ANTENNA**
[54] **DISPOSITIF POURVU D'UNE ANTENNE DE COMMUNICATION EN CHAMP PROCHE EN QUADRATURE**
[72] BEHIN, RAYHAN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2819720)
[87] (2819720)
[22] 2013-07-02
[30] EP (12175229.9) 2012-07-06

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[54] **POWER SAFETY INSTRUMENT SYSTEM**
[54] **SYSTEME D'INSTRUMENT DE SECURITE DE PUISSANCE**
[72] MCCOLLOUGH, JAMES M., US
[72] OLTHETEN, ERIK, US
[72] LAPPOS, NICHOLAS, US
[73] BELL HELICOPTER TEXTRON INC., US
[85] 2013-06-04
[86] 2010-12-22 (PCT/US2010/061701)
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[51] **Int.Cl. A62B 23/02 (2006.01)**
[25] EN
[54] **PORTABLE AIR-PURIFYING SYSTEM UTILIZING ENCLOSED FILTERS**
[54] **SYSTEME PURIFICATEUR D'AIR PORTABLE EQUIPE DE FILTRES CONFINES**
[72] PHIFER, JERRY ALLEN, US
[72] PARSON, WILLIAM EUGENE, US
[72] MORGAN, JUDGE W., III, US
[72] WILLIAMS, ROBERT DANIEL, US
[73] SCOTT TECHNOLOGIES, INC., US
[86] (2820295)
[87] (2820295)
[22] 2006-04-05
[62] 2,603,958
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[51] **Int.Cl. H01Q 9/30 (2006.01) H01Q 9/42 (2006.01)**
[25] EN
[54] **MODIFIED GROUND PLANE (MGP) APPROACH TO IMPROVING ANTENNA SELF-MATCHING AND BANDWIDTH**
[54] **APPROCHE DE PLAN DE SOL MODIFIE (MGP) POUR AMELIORER L'ADAPTATIVITE AUTOMATIQUE ET LA BANDE-PASSANTE D'ANTENNES**
[72] KANJ, HOUSSAM, CA
[72] ALI, SHIROOK M., CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-06-06
[86] 2011-12-08 (PCT/CA2011/050760)
[87] (WO2012/075586)
[30] US (12/965,300) 2010-12-10

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[51] **Int.Cl. B01D 53/64 (2006.01) B01D 53/02 (2006.01) B01D 53/14 (2006.01) B01D 53/48 (2006.01)**
[25] EN
[54] **HIGH PERFORMANCE MERCURY CAPTURE**
[54] **CAPTURE DE MERCURE A HAUTE PERFORMANCE**
[72] LASLO, DENNIS JAMES, US
[73] ALSTOM TECHNOLOGY LTD, CH
[86] (2820516)
[87] (2820516)
[22] 2013-06-20
[30] US (61/680,490) 2012-08-07
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[51] **Int.Cl. C07D 307/46 (2006.01) C07D 311/78 (2006.01) C07D 333/78 (2006.01) C07D 407/06 (2006.01) C07D 409/06 (2006.01)**
[25] EN
[54] **LACTONE COMPOUNDS AND MATERIALS MADE THEREFROM**
[54] **COMPOSES LACTONES ET MATERIAUX FABRIQUES A PARTIR DESDITS COMPOSES**
[72] HE, MENG, US
[72] DABIDEEN, DARRIN R., US
[72] XU, RUISONG, US
[72] KUMAR, ANIL, US
[73] TRANSITIONS OPTICAL, INC., US
[85] 2013-06-06
[86] 2011-12-08 (PCT/US2011/063905)
[87] (WO2012/082513)
[30] US (61/459,675) 2010-12-16
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[51] **Int.Cl. A01G 9/24 (2006.01)**
[25] EN
[54] **CLOSED-LOOP ENERGY NEUTRAL AIR DRYING SYSTEM**
[54] **SYSTEME DE SECHAGE DE L'AIR A BILAN ENERGETIQUE NEUTRE ET A BOUCLE FERMEE**
[72] REINDERS, GEURT, NL
[73] HOUWELING NURSERIES OXNARD, INC., US
[85] 2013-06-07
[86] 2011-12-08 (PCT/US2011/064029)
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[30] US (61/421,092) 2010-12-08

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[51] **Int.Cl. H01Q 5/10 (2015.01) H01Q 9/04 (2006.01) H04B 1/18 (2006.01) H01Q 1/38 (2006.01)**
[25] EN
[54] **A TRI-BAND ANTENNA FOR NONCELLULAR WIRELESS APPLICATIONS**
[54] **ANTENNE A TROIS BANDES DE FREQUENCES POUR APPLICATIONS SANS FIL NON CELLULAIRES**
[72] HANDRO, ANDREAS, DE
[72] KHUN, MICHAEL, DE
[72] WEHRMANN, CHRISTOPHER, DE
[73] BLACKBERRY LIMITED, CA
[86] (2820973)
[87] (2820973)
[22] 2013-07-11
[30] EP (12176191.0) 2012-07-12

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[13] C
[51] **Int.Cl. G06F 3/01 (2006.01) G06F 17/27 (2006.01)**
[25] EN
[54] **ELECTRONIC DEVICE AND METHOD FOR A BIDIRECTIONAL CONTEXT-BASED TEXT DISAMBIGUATION**
[54] **APPAREIL ELECTRONIQUE POUR LA DESAMBIGUISATION BIDIRECTIONNELLE DE TEXTES AXEE SUR LE CONTEXTE ET METHODE CONNEXE**
[72] PASQUERO, JEROME, CA
[72] STONEHOUSE, NOEL JOHN ORLAND, CA
[72] LEGG, DANIEL JAMES, US
[72] GRIFFIN, JASON TYLER, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-06-26
[86] 2012-04-30 (PCT/CA2012/050273)
[87] (WO2013/163717)

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[13] C
[51] **Int.Cl. G06F 7/499 (2006.01)**
[25] EN
[54] **MODAL INTERVAL PROCESSOR**
[54] **PROCESSEUR INTERVALLES MODAUX**
[72] HAYES, NATHAN T., US
[73] SUNFISH STUDIO, LLC, US
[86] (2822125)
[87] (2822125)
[22] 2006-04-05
[62] 2,604,043
[30] US (60/668,539) 2005-04-05
[30] US (60/722,107) 2005-09-30
[30] US (60/722,103) 2005-09-30
[30] US (60/723,216) 2005-10-03
[30] US (60/723,249) 2005-10-03
[30] US (60/723,059) 2005-10-03

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[13] C
[51] **Int.Cl. B65D 88/68 (2006.01)**
[25] EN
[54] **SILO DE-BRIDGING DEVICE**
[54] **DISPOSITIF DE DEVOUTAGE DE SILO**
[72] YU, HONGYAN, CN
[73] YU, HONGYAN, CN
[85] 2013-06-18
[86] 2010-12-22 (PCT/CN2010/080118)
[87] (WO2012/083531)

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[13] C
[51] **Int.Cl. G02B 1/18 (2015.01) B29D 11/00 (2006.01) G01D 11/26 (2006.01)**
[25] EN
[54] **GAUGE LENS WITH EMBEDDED ANTI-FOG FILM AND METHOD OF MAKING THE SAME**
[54] **LENTILLE DE JAUGE A FILM ANTI-BUEE INTEGRE ET METHODE DE FABRICATION CONNEXE**
[72] SNEEK, BRIAN, CA
[73] FLEXTRONICS AUTOMOTIVE INC., CA
[86] (2823482)
[87] (2823482)
[22] 2006-04-24
[62] 2,544,642
[30] US (11/114,156) 2005-04-26

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[13] C
[51] **Int.Cl. C10G 5/06 (2006.01) C07C 7/09 (2006.01) C07C 9/00 (2006.01) F25J 3/02 (2006.01) F25J 3/06 (2006.01)**
[25] FR
[54] **PRODUCTION PROCESS FOR A FRACTION RICH IN C3+ HYDROCARBONS AND FOR A STREAM RICH IN METHANE AND ETHANE**
[54] **PROCEDE DE PRODUCTION D'UNE COUPE RICHE EN HYDROCARBURES C3+ ET D'UN COURANT RICHE EN METHANE ET ETHANE**
[72] GOURIOU, JULIE, FR
[72] GAHIER, VANESSA, FR
[72] THIEBAULT, SANDRA, FR
[72] BARTHE, LOIC, FR
[73] TECHNIP FRANCE, FR
[85] 2013-07-03
[86] 2012-01-06 (PCT/EP2012/050162)
[87] (WO2012/093164)
[30] FR (11 50096) 2011-01-06

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[13] C
[51] **Int.Cl. A61F 2/46 (2006.01) A61B 17/88 (2006.01) F16K 3/26 (2006.01) F16K 5/04 (2006.01) F16K 5/18 (2006.01) F16K 11/085 (2006.01)**
[25] EN
[54] **ROTARY VALVE BODY FOR BONE CEMENT DISPENSING DEVICE**
[54] **CORPS DE SOUPAPE TOURNANTE POUR DISPOSITIF DE DISTRIBUTION DE CIMENT OSSEUX**
[72] VOGT, SEBASTIAN, DE
[72] GREINER, CLEMENS, DE
[72] HEIN, RUDOLF, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2824259)
[87] (2824259)
[22] 2013-08-22
[30] DE (10 2012 018 596.0) 2012-09-20

[11] **2,824,713**
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[51] **Int.Cl. F03B 13/00 (2006.01) F03B 13/12 (2006.01) F03D 5/02 (2006.01)**
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[54] **DISPOSITIF GENERATEUR ELECTRIQUE HYDROCINETIQUE**
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[72] LESLIE, SCOTT M., CA
[72] SPECK, JAMES A., US
[73] WINGMILL MARINE ENERGY, INC., US
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[54] **COMPOSANTS DE TRAIN DE TIGES RESISTANT AU CALAGE**
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[72] LITTLELY, KEITH WILLIAM, AU
[73] BLY IP INC., US
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[54] **METHOD AND APPARATUS FOR IMPLEMENTING DIGITAL BASEBAND PREDISTORTION**
[54] **PROCEDE ET DISPOSITIF POUR PREDISTORSION DE BANDE DE BASE NUMERIQUE**
[72] CAI, HUA, CN
[72] PANG, YANZHAO, CN
[72] WANG, WEI, CN
[72] XUE, WEI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **ACIER INOXYDABLE DUPLEX**
[72] YAMADA, KENTA, JP
[72] NAGAYAMA, HIROYUKI, JP
[72] HAMADA, MASAHIKO, JP
[72] MOTOYA, DAISUKE, JP
[72] AMAYA, HISASHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **CHARGEUR DE BALLES BB POUVANT COMPRENDRE DES BALLES SIMULEES**
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[73] GUAY GUAY TRADING CO., LTD., TW
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[54] **MESURES DE RESISTIVITE DE FORMATIONS AU MOYEN DE MODES CONTROLES MULTIPLES**
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[72] FORGANG, STANISLAV W., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **MESOGEN-CONTAINING COMPOUNDS**
[54] **COMPOSES CONTENANT UN MESOGENE**
[72] HE, MENG, US
[72] KUMAR, ANIL, US
[73] TRANSITIONS OPTICAL, INC., US
[85] 2013-08-22
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[54] **NEEDLE SHIELDING DEVICE**
[54] **DISPOSITIF DE BLINDAGE D'AIGUILLE**
[72] ERSKINE, TIMOTHY J., US
[73] ERSKINE MEDICAL LLC, US
[85] 2013-08-29
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[54] **SYSTEMS AND METHODS FOR REMOVING ELEMENTAL SULFUR FROM A HYDROCARBON FLUID**
[54] **SYSTEMES ET PROCEDES POUR RETIRER DU SOUFRE ELEMENTAIRE D'UN FLUIDE HYDROCARBONE**
[72] TAYLOR, MARTIN A., US
[72] KIMTANTAS, CHARLES L., US
[73] BECHTEL HYDROCARBON TECHNOLOGY SOLUTIONS, INC., US
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[54] **MOLDING DEVICE FOR CONTINUOUS CASTING EQUIPPED WITH AGITATOR**
[54] **DISPOSITIF DE MOULAGE POUR COULEE CONTINUE POURVU D'UN AGITATEUR**
[72] TAKAHASHI, KENZO, JP
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[54] **DISTRIBUTEUR DE COUTELLERIE JETABLE ET COMPOSANTS CONNEXE**
[72] SORENSEN, THOMAS J., US
[72] SMITH, PATRICK J., US
[72] LORE, VITO, US
[72] KIRKPATRICK, ANDY L., US
[72] KILGORE, MICHAEL R., US
[72] JADIN, TIMOTHY D., US
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[73] DIXIE CONSUMER PRODUCTS LLC, US
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[54] **AUTOMATED WATER DROP MEASUREMENT AND ICE DETECTION SYSTEM**
[54] **SYSTEME DE MESURE DE GOUTTE D'EAU ET DE DETECTION DE GIVRAGE AUTOMATISE**
[72] MEIS, CHARLES STEVEN, US
[72] LANGHOFER, ERIK MARC, US
[73] THE BOEING COMPANY, US
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[54] **SYSTEME DE RADAR D'AVERTISSEMENT D'OBSTACLE ET DE TERRAIN POUR GIRAVION**
[72] KREITMAIR-STECK, WOLFGANG, DE
[72] SCHEIBLHOFER, RICHARD, DE
[73] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
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[54] **PROCESSUS DE DOSAGE ET DISPOSITIF POUR REALISER LE PROCESSUS**
[72] LEBLANC, ALADAIN JOSEPH, US
[72] WADE, DONALD RAY, US
[73] BAKER HUGHES INCORPORATED, US
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[54] **TECHNIQUES D'ENDUCTION PAR FILIERE EN FORME DE FENTE SOUS VIDE**
[72] BUCILLI, SERGIO, US
[72] JOSEPH, ABNER D., US
[72] WILSEY, CHRISTOPHER D., US
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **COLONNE DE PURIFICATION DE SANG**
[72] OKUDA, HIROYUKI, JP
[73] TORAY INDUSTRIES, INC., JP
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[54] **ARTICULATED WATERSLIDE**
[54] **GLISSOIRE D'EAU ARTICULEE**
[72] OSTERMAN, ROSS ALAN, US
[72] SCHWARTZ, JUSTIN MICHAEL, US
[73] UNIVERSAL CITY STUDIOS LLC, US
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[54] **A STEEL SHEET SUITABLE FOR ENAMELLING AND METHOD FOR PRODUCING SUCH A SHEET**
[54] **FEUILLE D'ACIER APPROPRIEE POUR UN EMAILLAGE ET PROCEDE DE FABRICATION D'UNE TELLE FEUILLE**
[72] VAN STEENBERGE, NELE, BE
[72] LEVEAUX, MARC, FR
[72] DUPREZ, LODE, BE
[72] GOUSSELOT, PHILIPPE, FR
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
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[54] **ESP THRUST MODULE WITH ENHANCED LUBRICATION AND TEMPERATURE DISSIPATION**
[54] **MODULE DE POUSSEE DE POMPE SUBMERSIBLE ELECTRIQUE PRESENTANT UNE LUBRIFICATION ET UNE DISSIPATION THERMIQUE MEILLEURES**
[72] TETZLAFF, STEVEN K., US
[72] CRAIG, CHAD A., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **BUSHING ASSEMBLIES, BUSHING ASSEMBLY KITS, APPARATUSES INCLUDING BUSHING ASSEMBLIES, AND ASSOCIATED METHODS**
[54] **ENSEMBLES DE COUSSINETS, NECESSAIRES D'ENSEMBLES DE COUSSINETS, APPAREIL COMPRENANT DES ENSEMBLES DE COUSSINETS ET PROCEDES CONNEXES**
[72] ALVARADO, SANTIAGO JR., US
[73] THE BOEING COMPANY, US
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[54] **WATER TREATMENT APPARATUS AND METHOD OF USE**
[54] **APPAREIL DE TRAITEMENT D'EAU ET PROCEDE D'UTILISATION**
[72] DOWNEY, JASON, CA
[72] KEMPSON, JEFF, CA
[73] NEWTERRA LTD., CA
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[54] **POMPE DE STIMULATION HAUTE PRESSION**
[72] SURJAATMADJA, JIM B., US
[72] STEPHENSON, STANLEY V., US
[72] HUNTER, TIMOTHY H., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **OUTIL DE NETTOYAGE POLYVALENT**
[72] JAMES, ADRIAN BENTON, US
[72] WHITE, BRYAN THOMAS, US
[72] SHAWVER, MICHAEL JOSEPH, US
[72] VERBIEST, JAN HENDRIK MARIA, US
[72] PANKRATZ, VIRGINIA, US
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[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **SYSTEM AND METHOD FOR SERVICING A WELLBORE**
[54] **SYSTEME ET PROCEDE POUR L'ENTRETIEN D'UN PUITS DE FORAGE**
[72] PORTER, JESSE CALE, US
[72] PACEY, KENDALL LEE, US
[72] HOWELL, MATTHEW TODD, US
[72] STANDRIDGE, WILLIAM ELLIS, US
[72] WILLIAMSON, JIMMIE ROBERT, US
[72] SHY, PERRY, US
[72] WATSON, ROGER, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **LED LIGHTING APPARATUS HAVING AN ADJUSTABLE LIGHT DISTRIBUTION**
[54] **APPAREIL D'ECLAIRAGE A DIODES ELECTROLUMINESCENTES DOTE D'UNE REPARTITION DE LUMIERE REGLABLE**
[72] KIM, DUK YONG, KR
[73] KMW INC., KR
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[54] **METHOD AND SYSTEM FOR EFFICIENT VIDEO TRANSCODING USING CODING MODES, MOTION VECTORS AND RESIDUAL INFORMATION**
[54] **PROCEDE ET SYSTEME DE TRANSCODAGE VIDEO EFFICACE UTILISANT DES INFORMATIONS DE MODES DE CODAGE, DE VECTEURS DE MOUVEMENT ET DE RESIDU**
[72] METOEVI, ISABELLE, CA
[72] COULOMBE, STEPHANE, CA
[73] ECOLE DE TECHNOLOGIE SUPERIEURE, CA
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[72] WANG, WEIPING, US
[73] AMSTED RAIL COMPANY, INC., US
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[54] **MECANISME D'ETANCHEITE EXPANSIBLE**
[72] BLACKWOOD, GRAHAM E., US
[72] BERGFELD, KATHERINE A., US
[72] MILLER, MICHAEL R., US
[72] KACZMARCZYK, JOHN M., US
[72] SKINNER, JAMES W., US
[73] PRESS-SEAL GASKET CORPORATION, US
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[54] **ORTHOPEDIC INSTRUMENT, SYSTEM AND METHOD FOR IMPLANTING AN ACETABULAR CUP**
[54] **INSTRUMENT ORTHOPEDIQUE, SYSTEME ET PROCEDE POUR IMPLANTER UN COTYLE PROTHETIQUE**
[72] TERMANINI, ZAFER, US
[73] HIP INNOVATION TECHNOLOGY LLC, US
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[54] **SYSTEM AND METHOD FOR FABRICATION OF FIBERS USING LINKS OF NANOTUBES**
[54] **SYSTEME ET METHODE DE FABRICATION DE FIBRE A L'AIDE DE MAILLONS DE NANOTUBES**
[72] HULL, JOHN R., US
[73] THE BOEING COMPANY, US
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[54] **METHOD AND APPARATUS OR MAKING ABSORBENT STRUCTURES WITH ABSORBENT MATERIAL**
[54] **METHODE ET APPAREIL SERVANT A LA FABRICATION DE STRUCTURES ABSORBANTES AU MOYEN DE MATERIAU ABSORBANT**
[72] JACKELS, HANS ADOLF, DE
[72] KREUZER, CARSTEN HEINRICH, DE
[73] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **ABSORBENT ARTICLES WITH IMPROVED ABSORPTION PROPERTIES**
[54] **ARTICLES ABSORBANTS AYANT DES PROPRIETES D'ABSORPTION AMELIOREES**
[72] EHRNSPERGER, BRUNO JOHANNES, DE
[72] JENNEWEIN, MARC, DE
[72] MICHNACS, MARION, DE
[72] PERI, ANDREA, DE
[72] THOMANN, MAIKE, DE
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **METHOD AND PLANT FOR GENERATING SYNTHESIS GAS**
[54] **PROCEDE ET INSTALLATION DE PRODUCTION DE GAZ DE SYNTHESE**
[72] KUHL, OLAF, DE
[73] CCP TECHNOLOGY GMBH, DE
[85] 2013-12-23
[86] 2012-12-20 (PCT/EP2012/005310)
[87] (WO2013/091879)
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[54] **METHOD AND CONTROLLER FOR PROTECTING A VOLTAGE SOURCE CONVERTER**
[54] **PROCEDE ET ORGANE DE COMMANDE PERMETTANT DE PROTEGER UN CONVERTISSEUR DE SOURCE DE TENSION**
[72] HASLER, JEAN-PHILIPPE, SE
[72] MONGE, MAURO, SE
[72] DE OLIVEIRA, MARCIO, SE
[73] ABB TECHNOLOGY AG, CH
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[54] **DISPOSITIF DE DETERMINATION DE PANNES DE VEHICULE**
[72] MAKABE, TAKUMI, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2840694)
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[54] **ARTICLE A FUMER VENTILE**
[72] KALJURA, KARL, GB
[72] RICHARDSON, JOHN, GB
[72] BLICK, KEVIN, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
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[25] EN
[54] **A METHOD AND NODE FOR LOCALIZING A NODE IN A WIRELESS NETWORK**
[54] **PROCEDE ET NOEUD POUR LOCALISER UN N.UD DANS UN RESEAU SANS FIL**
[72] REICHENBACH, FRANK, NO
[72] ORTEN, PAL, NO
[73] ABB AS, NO
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[25] EN
[54] **DAMPING ASSEMBLY FOR DOWNHOLE TOOL DEPLOYMENT AND METHOD THEREOF**
[54] **ENSEMBLE D'AMORTISSEMENT POUR DEPLOIEMENT D'OUTIL DE FOND DE TROU ET SON PROCEDE**
[72] GUIDRY, CHRISTOPHER W., US
[72] HERED, WILLIAM A., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2014-01-06
[86] 2012-07-06 (PCT/US2012/045684)
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[25] EN
[54] **FORMATION TESTING IN MANAGED PRESSURE DRILLING**
[54] **ESSAI DES COUCHES LORS D'UN FORAGE A PRESSION GEREE**
[72] JEFFRIES, STUART M., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-01-07
[86] 2011-07-12 (PCT/US2011/043750)
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[25] EN
[54] **APPARATUS AND METHOD FOR SEPARTATING SOLIDS FROM A SOLIDS LADEN DRILLING MUD**
[54] **APPAREIL ET PROCEDE DE SEPARATION DE SOLIDES DE BOUES DE FORAGE RICHE EN SOLIDES**
[72] BURNETT, GEORGE ALEXANDER, GB
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2014-01-15
[86] 2012-04-23 (PCT/GB2012/050890)
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[25] EN
[54] **PRODUCTION OF PARAXYLENE**
[54] **PRODUCTION DE PARA-XYLENE**
[72] CAO, CHUNSHE, US
[72] ANDREWS, JEFFREY L., US
[72] MOLINIER, MICHEL, US
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2014-01-22
[86] 2012-08-03 (PCT/US2012/049502)
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[25] EN
[54] **PROCESSES AND INTERMEDIATES FOR THE PREPARATION OF ASPARTIC ACETAL CASPASE INHIBITORS**
[54] **PROCEDES ET PRODUITS INTERMEDIAIRES POUR LA PREPARATION DE D'INHIBITEURS DE LA CASPASE A PARTIR D'ACETALS DE L'ACIDE ASPARTIQUE**
[72] TANOURY, GERALD J., US
[72] CHEN, MINZHANG, US
[72] JONES, ANDREW D., US
[72] NYCE, PHILIP L., US
[72] TRUDEAU, MARTIN, US
[72] GUERIN, DAVID J., US
[72] SNOONIAN, JOHN R., US
[73] VERTEX PHARMACEUTICALS INCORPORATED, US
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[25] EN
[54] **DIFFERENTIAL PHASE CONTRAST X-RAY IMAGING SYSTEM AND COMPONENTS**
[54] **SYSTEME D'IMAGERIE A RAYONS X A CONTRASTE DE PHASE DIFFERENTIEL ET COMPOSANTS ASSOCIES**
[72] STUTMAN, DAN, US
[72] FINKENTHAL, MICHAEL, US
[73] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2014-01-28
[86] 2012-06-11 (PCT/US2012/041908)
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[30] US (61/513,175) 2011-07-29
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[54] **FLIGHT DIRECTOR FLARE GUIDANCE**
[54] **GUIDAGE A L'ARRONDI POUR DIRECTEUR DE VOL**
[72] LEVINE, BENJAMIN DAVID, US
[72] KROGH, STEVEN BARRY, US
[73] THE BOEING COMPANY, US
[86] (2843657)
[87] (2843657)
[22] 2014-02-24
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[54] **INDOOR UNIT OF AIR CONDITIONER**
[54] **UNITE INTERIEURE D'UN CLIMATISEUR**
[72] SHANG, BIN, CN
[72] GU, TANGTANG, CN
[73] GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI, CN
[85] 2014-02-14
[86] 2012-08-13 (PCT/CN2012/080050)
[87] (WO2013/023568)
[30] CN (201110234136.5) 2011-08-16

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[54] **VASCULAR ACCESS SYSTEM WITH CONNECTOR**
[54] **SYSTEME D'ACCES VASCULAIRE DOTE D'UN CONNECTEUR**
[72] HERRIG, JUDSON A., US
[73] CRYOLIFE, INC., US
[85] 2014-02-17
[86] 2012-09-06 (PCT/US2012/053967)
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[25] EN
[54] **METHOD FOR INCORPORATING THERMAL BARRIERS INTO TUBULAR EXTRUSIONS USING RETAINER CLIPS**
[54] **PROCEDE POUR INTEGRER DES BARRIERES THERMIQUES DANS DES EXTRUSIONS TUBULAIRES A L~AIDE DE BAGUES DE MAINTIEN**
[72] MCKENNA, GREG, US
[73] ALCOA INC., US
[86] (2845638)
[87] (2845638)
[22] 2014-03-12
[30] US (61/788,335) 2013-03-15

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[13] C
[51] **Int.Cl. B01D 46/00 (2006.01) B01D 46/42 (2006.01)**
[25] EN
[54] **FILTER DEVICE, CONTROL VALVE COMPRISING THE FILTER DEVICE, AND FUEL CELL SYSTEM**
[54] **DISPOSITIF DE FILTRE, VANNE DE REGLAGE EQUIPEE D'UN DISPOSITIF DE FILTRE ET SYSTEME DE PILE A COMBUSTIBLE**
[72] TAKEDA, TSUYOSHI, JP
[72] OSAWA, KAZUHIKO, JP
[72] INAMURA, DAISAKU, JP
[72] OKAWARA, ICHIRO, JP
[72] USAMI, TAKATADA, JP
[72] TAKEMOTO, SHINICHIRO, JP
[73] KABUSHIKI KAISHA SAGINOMIYA SEISAKUSHO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2014-02-19
[86] 2012-08-30 (PCT/JP2012/071942)
[87] (WO2013/035609)
[30] JP (2011-196103) 2011-09-08

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[51] **Int.Cl. F16C 3/02 (2006.01) F16H 57/032 (2012.01) B64C 27/12 (2006.01) B64D 35/00 (2006.01)**
[25] EN
[54] **BIMETALLIC SHAFT FOR GEARBOX SYSTEMS TO LIMIT WEAR AND CORROSION**
[54] **TIGE BIMETALLIQUE POUR SYSTEMES A BOITE DE VITESSES POUR LIMITER L'USURE ET LA CORROSION**
[72] POSTER, SCOTT, US
[72] BOCKMILLER, DAVID, US
[72] PRZYBYLA, MARK, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2845841)
[87] (2845841)
[22] 2014-03-11
[30] US (13/793,080) 2013-03-11

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[51] **Int.Cl. A61B 17/34 (2006.01) A61B 1/018 (2006.01) A61B 18/14 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR TREATMENT OF LUMINAL TISSUE**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR TRAITEMENT DE TISSU LUMINAL**
[72] HUSZAR, HILLARY K., US
[72] UTLEY, DAVID S., US
[72] GWERDER, ERIC J., US
[72] LUBINSKI, ALEXANDER A., US
[72] HAGGERTY, ROBERT C., US
[72] MATA, GILBERT, JR., US
[72] SEIN-LWIN, FELICIA P., US
[72] SAH, PRATIKA, US
[73] COVIDIEN LP, US
[85] 2014-02-21
[86] 2012-08-24 (PCT/US2012/052326)
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[51] **Int.Cl. F16L 55/179 (2006.01) F16L 55/163 (2006.01) F16L 55/18 (2006.01) F16L 58/10 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR REPAIRING PIPE**
[54] **DISPOSITIF ET PROCEDE DE REPARATION DE CONDUITES**
[72] KIEST, LARRY W., JR., US
[73] LMK TECHNOLOGIES, LLC, US
[86] (2846834)
[87] (2846834)
[22] 2008-08-22
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[30] US (11/845,134) 2007-08-27

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[51] **Int.Cl. G08G 3/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EXTENDING MARITIME DOMAIN AWARENESS BY SHARING RADAR TRACKS BETWEEN VESSELS**
[54] **SYSTEMES ET PROCEDES POUR ETENDRE UNE VIGILANCE DE DOMAINE MARITIME PAR PARTAGE DE SUIVIS DE RADAR ENTRE DES NAVIRES**
[72] PONSFORD, ANTHONY M., CA
[72] SCARLETT, PETER, CA
[72] WESTFALL, GREGORY D., CA
[73] RAYTHEON CANADA LIMITED, CA
[85] 2014-02-27
[86] 2012-10-24 (PCT/CA2012/000978)
[87] (WO2013/059916)
[30] US (61/551,654) 2011-10-26

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[51] **Int.Cl. D21H 17/02 (2006.01) D21H 21/18 (2006.01) D21H 27/42 (2006.01)**
[25] EN
[54] **TISSUE PRODUCT COMPRISING BAMBOO**
[54] **PRODUIT DE PAPIER D'ESSUYAGE COMPORTANT DU BAMBOU**
[72] SHANNON, THOMAS GERARD, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2014-02-26
[86] 2012-08-08 (PCT/IB2012/054042)
[87] (WO2013/041986)
[30] US (13/238,826) 2011-09-21

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[13] C
[51] **Int.Cl. B63H 20/10 (2006.01) B63H 21/21 (2006.01)**
[25] EN
[54] **OUTBOARD MOTOR CONTROL APPARATUS**
[54] **APPAREIL DE COMMANDE DE MOTEUR HORS-BORD**
[72] KURIYAGAWA, KOJI, JP
[72] YOSHIMURA, HAJIME, JP
[72] SHINOKAWA, MASAHIDE, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2847316)
[87] (2847316)
[22] 2014-03-21
[30] JP (2013-072843) 2013-03-29
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[25] EN
[54] **METHOD AND APPARATUS FOR UNPLUGGING HYDROCARBON DRAINS OR VENTS**
[54] **PROCEDE ET APPAREIL PERMETTANT DE DEBRANCHER DES PURGES OU DES EVENTS D'HYDROCARBURE**
[72] AL-SHAMMARI, SALEH H., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2014-03-03
[86] 2012-09-12 (PCT/US2012/054713)
[87] (WO2013/039943)
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[25] EN
[54] **PORTABLE DIAGNOSTIC ANALYSIS OF GAS METER AND ELECTRONIC CORRECTOR**
[54] **ANALYSEUR DE DIAGNOSTIC PORTATIF DE COMPTEUR DE GAZ ET DE CORRECTEUR ELECTRONIQUE**
[72] ARTIUCH, ROMAN LEON, US
[73] DRESSER, INC., US
[86] (2847640)
[87] (2847640)
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[25] FR
[54] **ROLLED STEEL THAT HARDENS BY MEANS OF PRECIPITATION AFTER HOT-FORMING AND/OR QUENCHING WITH A TOOL HAVING VERY HIGH STRENGTH AND DUCTILITY, AND METHOD FOR MANUFACTURING SAME**
[54] **ACIER LAMINE DURCISSANT PAR PRECIPITATION APRES FORMAGE A CHAUD ET/OU TREMPE SOUS OUTIL A TRES HAUTE RESISTANCE ET DUCTILITE ET SON PROCEDE DE FABRICATION**
[72] BOUAZIZ, OLIVIER, FR
[72] BARBIER, DAVID, FR
[72] JUNG, CORALIE, FR
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
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[54] **PRESENTING SEARCH RESULTS IN HIERARCHICAL FORM**
[54] **PRESENTATION DE RESULTATS DE RECHERCHE SOUS FORME HIERARCHIQUE**
[72] ANDERSSON, RASMUS MATHIAS, US
[72] YAO, ROSE, US
[72] TSENG, ERICK, US
[73] FACEBOOK, INC., US
[85] 2014-03-07
[86] 2012-08-20 (PCT/US2012/051523)
[87] (WO2013/036373)
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[51] **Int.Cl. G01S 15/88 (2006.01) G01S 7/521 (2006.01)**
[25] EN
[54] **COMPONENT INSPECTION APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'INSPECTION DE COMPOSANTS**
[72] UDELL, CHRISTOPHER, CH
[72] MUNIKOTI, VIJAYENDRA, DE
[72] TSCHARNTKE, DIRK, DE
[72] SCHMID, REMY, CH
[72] CLARKE, DAVID THOMAS, GB
[73] ALSTOM TECHNOLOGY LTD, CH
[86] (2849139)
[87] (2849139)
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[51] **Int.Cl. B60W 50/04 (2006.01) B60W 50/02 (2012.01) E02F 9/20 (2006.01) G05B 15/02 (2006.01)**
[25] EN
[54] **CONSTRUCTION MACHINE CONTROLLER**
[54] **CONTROLEUR DE MACHINE DE CONSTRUCTION**
[72] KIMURA, YASUNORI, JP
[73] KOMATSU LTD., JP
[85] 2014-04-10
[86] 2013-08-20 (PCT/JP2013/072222)
[87] (WO2015/025370)

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[13] C
[51] **Int.Cl. B41B 27/00 (2006.01) B41J 29/38 (2006.01)**
[25] EN
[54] **IMAGE FORMATION APPARATUS AND COMPUTER READABLE NON-TRANSITORY RECORDING MEDIUM STORING CONTROL PROGRAM FOR CONTROLLING IMAGE FORMATION APPARATUS**
[54] **APPAREIL DE FORMATION D'IMAGES ET SUPPORT D'ENREGISTREMENT NON TRANSITOIRE LISIBLE PAR ORDINATEUR STOCKANT UN PROGRAMME DE COMMANDE POUR COMMANDER L'APPAREIL DE FORMATION D'IMAGES**
[72] HASHIMOTO, JUN, JP
[73] CASIO COMPUTER CO., LTD., JP
[86] (2849495)
[87] (2849495)
[22] 2014-04-17
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[51] **Int.Cl. F16L 15/04 (2006.01) C10M 103/02 (2006.01) C10M 105/32 (2006.01) C10M 129/40 (2006.01) C10M 159/04 (2006.01) C10M 159/24 (2006.01)**
[25] EN
[54] **TUBULAR THREADED JOINT HAVING IMPROVED HIGH TORQUE PERFORMANCE**
[54] **RACCORD FILETE TUBULAIRE AUX PERFORMANCES DE COUPLE ELEVE AMELIOREES**
[72] GOTO, KUNIO, JP
[72] TANAKA, YUJI, JP
[72] YAMAMOTO, YASUHIRO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2014-03-21
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[51] **Int.Cl. B01D 53/14 (2006.01) F26B 3/12 (2006.01)**
[25] EN
[54] **DRY SORBENT INJECTION DURING NON-STEADY STATE CONDITIONS IN DRY SCRUBBER**
[54] **INJECTION D'UNE MATIERE ABSORBANTE SECHE DANS UN EPURATEUR A SEC EN REGIME TRANSITOIRE**
[72] JANKURA, BRYAN J, US
[72] SILVA, ANTHONY A, US
[72] CAMPOBENEDETTO, EDWARD J, US
[73] BABCOCK & WILCOX POWER GENERATION GROUP, INC., US
[85] 2014-03-21
[86] 2012-09-25 (PCT/US2012/057111)
[87] (WO2013/049058)
[30] US (61/540,806) 2011-09-29
[30] US (13/548,150) 2012-07-12

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[51] **Int.Cl. H04M 19/00 (2006.01) H03H 11/48 (2006.01)**
[25] EN
[54] **ELECTRONIC INDUCTANCE CIRCUIT FOR POWER SUPPLY OF 2-WIRE BUS INTERCOM SYSTEM AND DEVICE THEREOF**
[54] **CIRCUIT ELECTRONIQUE D'INDUCTANCE POUR L'ALIMENTATION ELECTRIQUE D'UN SYSTEME D'INTERCOMMUNICATION A BUS A DEUX FILS, AINSI QUE DISPOSITIF CORRESPONDANT**
[72] ZHOU, DALIN, CN
[72] ZHANG, YANGPENG, CN
[72] LIU, MINGYUAN, CN
[73] ABB TECHNOLOGY LTD., CH
[85] 2014-03-24
[86] 2012-04-16 (PCT/CN2012/074135)
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[25] EN
[54] **COLOR SEALANT COMPOSITION WITH SELF-SEALING PERFORMANCE FOR A TIRE**
[54] **COMPOSITION D'AGENT D'ETANCHEITE DE COULEUR AUTO-OBTURANT POUR UN PNEU**
[72] SON, YEON-SONG, KR
[72] LEE, HEUNG-GOO, KR
[73] KUMHO TIRE CO., INC., KR
[86] (2849849)
[87] (2849849)
[22] 2014-04-25
[30] KR (10-2013-0046720) 2013-04-26

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[51] **Int.Cl. B64C 1/14 (2006.01) H05B 1/02 (2006.01) H05B 3/86 (2006.01)**
[25] EN
[54] **AN ELECTRIC CIRCUIT AND SENSOR FOR DETECTING ARCING AND A TRANSPARENCY HAVING THE CIRCUIT AND SENSOR**
[54] **CIRCUIT ELECTRIQUE ET CAPTEUR DE DETECTION DE FORMATION D'ARC ET TRANSPARENCE AYANT LE CIRCUIT ET LE CAPTEUR**
[72] JIAO, YU, US
[72] GYORGY, HARS, HU
[72] RASHID, ALI N., US
[72] MEDZIUS, JOSEPH, US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2014-03-27
[86] 2012-09-07 (PCT/US2012/054182)
[87] (WO2013/048698)
[30] US (13/247,131) 2011-09-28

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[13] C
[51] **Int.Cl. C12Q 1/02 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TOXIGENICITY TESTING**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'EFFECTUER DES TESTS DE TOXIGENICITE**
[72] JOHNSON, ERIC ARTHUR, US
[72] PELLETT, SABINE, US
[72] WHITEMARSH, REGINA CLARE MEYER, US
[72] TEPP, WILLIAM HOWARD, US
[73] CELLSNAP, LLC, US
[85] 2014-03-28
[86] 2012-09-28 (PCT/US2012/057825)
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[30] US (61/540,693) 2011-09-29

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[54] **RECIPIENT DE FLUIDE DE FONCTIONNEMENT**
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[73] KAUTEX TEXTRON GMBH & CO. KG, DE
[85] 2014-04-08
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[25] EN
[54] **METHOD FOR THE APPLICATION OF AN AQUEOUS TREATMENT SOLUTION ON THE SURFACE OF A MOVED STEEL STRIP**
[54] **METHODE D'APPLICATION D'UNE SOLUTION DE TRAITEMENT AQUEUX SUR LA SURFACE D'UNE BANDE D'ACIER DEPLACEE**
[72] MARMANN, ANDREA, DE
[72] WILD, MICHAEL, DE
[72] MICHELS, PAUL, DE
[73] THYSSENKRUPP RASSELSTEIN GMBH, DE
[86] (2851472)
[87] (2851472)
[22] 2014-05-08
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[54] **RODDABLE DIRECT MOUNT MANIFOLD FOR PRIMARY FLOW ELEMENT**
[54] **COLLECTEUR TRINGLABLE A MONTAGE DIRECT POUR ELEMENT DE FLUX PRIMAIRE**
[72] DEEGAN, PAUL T., US
[72] VERHAAGEN, DONALD R., US
[73] DIETERICH STANDARD, INC., US
[85] 2014-04-10
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[25] EN
[54] **POSITIONING SYSTEM AND METHOD FOR AUTOMATED ALIGNMENT AND CONNECTION OF COMPONENTS**
[54] **SYSTEME ET PROCEDE DE POSITIONNEMENT POUR L'ALIGNEMENT ET LA CONNEXION AUTOMATIQUES DE COMPOSANTS**
[72] BROUWER, DOMINIK, DE
[72] LEHR, JOERG, DE
[72] DENKENA, BEREND, DE
[72] MOHRING, HANS-CHRISTIAN, DE
[72] LITWINSKI, KAI, DE
[73] BAKER HUGUES INCORPORATED, US
[85] 2014-04-15
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[25] EN
[54] **WEIGHT RELIEF TRANSPORTATION APPARATUS FOR CONSTRUCTION EQUIPMENT**
[54] **APPAREIL DE TRANSPORT A SOULAGEMENT DE POIDS DESTINE A UN ENGIN DE CHANTIER**
[72] FELL, RANDALL O., US
[73] MARRIOTT CONSTRUCTION, INC., US
[85] 2014-04-22
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[25] EN
[54] **ANALOG PROCESSOR COMPRISING QUANTUM DEVICES**
[54] **PROCESSEUR ANALOGIQUE COMPRENANT DES DISPOSITIFS QUANTIQUES**
[72] VAN DEN BRINK, ALEC M., CA
[72] LOVE, PETER, CA
[72] AMIN, MOHAMMED H., CA
[72] ROSE, GEORDIE, CA
[72] GRANT, DAVID, CA
[72] STEININGER, MILES F., CA
[72] BUNYK, PAUL, CA
[72] BERKLEY, ANDREW, CA
[73] D-WAVE SYSTEMS INC., CA
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[54] **SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING SECURE ELEMENTS**
[54] **SYSTEMES, PROCEDES ET PRODUITS PROGRAMME D'ORDINATEUR POUR GERER DES ELEMENTS SECURISES**
[72] GARGIULO, MICHAEL J., US
[72] HAY, FLORENT, BE
[73] GOOGLE INC., US
[85] 2014-05-01
[86] 2012-10-16 (PCT/US2012/060445)
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[54] **PHOTOPOLYMERIZABLE INKJET INK**
[54] **ENCRE JET D'ENCRE PHOTOPOLYMERISABLE**
[72] HIRAOKA, TAKAO, JP
[73] RICOH COMPANY, LTD., JP
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[54] **WIND TURBINE BLADE WITH EXTENDED SHELL SECTION**
[54] **PALE DE TURBINE EOLIENNE AVEC SECTION DE COQUE ETENDUE**
[72] RUIJTER, WOUT, DK
[73] ENVISION ENERGY (DENMARK) APS, DK
[86] (2854384)
[87] (2854384)
[22] 2014-06-16
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[54] **BROOM HEAD**
[54] **TETE DE BALAI**
[72] WEIS, NORBERT, DE
[72] CLEMEN, HANS-JORG, DE
[72] HUNGER, MARC, DE
[73] CARL FREUDENBERG KG, DE
[85] 2014-05-14
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[54] **COUPLED PIPE NETWORK - RESERVOIR MODELING FOR MULTI-BRANCH OIL WELLS**
[54] **MODELISATION DE RESEAU DE CONDUITES/RESERVOIR ACCOUPLES POUR DES PUITS DE PETROLE A RAMIFICATIONS MULTIPLES**
[72] DOGRU, ALI HAYDAR, SA
[73] SAUDI ARABIAN OIL COMAPNY, SA
[85] 2014-05-12
[86] 2012-11-21 (PCT/US2012/066298)
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[54] **FUSED TETRA OR PENTA-CYCLIC DIHYDRODIAZEPINOCARBAZOL ONES AS PARP INHIBITORS**
[54] **DIHYDRODIAZEPINOCARBAZOL ONES TETRA OU PENTACYCLIQUES FUSIONNES A UTILISER EN TANT QU'INHIBITEURS DE PARP**
[72] ZHOU, CHANGYOU, US
[72] REN, BO, CN
[72] WANG, HEXIANG, CN
[73] BEIGENE, LTD., KY
[85] 2014-05-20
[86] 2011-12-31 (PCT/CN2011/085148)
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[54] **ARTICLE WITH A LATCHING MECHANISM**
[54] **ARTICLE DOTE D'UN MECANISME DE VERROU**
[72] WYKO, REBECCA WEBB, US
[72] LACY, ORLANDA DOMINIC, US
[72] KRIVANEK, DOUGLAS LEE, US
[72] DECASTRO, JOHN M., US
[73] HALLMARK CARDS, INCORPORATED, US
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[87] (2856407)
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[54] **YARD MAINTENANCE VEHICLE WITH CABLE STEERING ASSEMBLY**
[54] **VEHICULE D'ENTRETIEN DE JARDIN A ENSEMBLE DE DIRECTION PAR CABLE**
[72] BURNS, DUNCAN, US
[73] HUSQVARNA AB, SE
[85] 2014-05-22
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[54] **STRUCTURAL ADHESIVE COMPOSITIONS**
[54] **COMPOSITIONS ADHESIVES STRUCTURALES**
[72] DESAI, UMESH C., US
[72] CHAO, TIEN-CHIEH, US
[72] NAKAJIMA, MASAYUKI, US
[72] RAGUNATHAN, KALIAPPA G., US
[73] PPG INDUSTRIES OHIO, INC., US
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[54] **A PROCESS FOR OPERATING A FUEL FIRED REACTOR**
[54] **PROCEDE DE FONCTIONNEMENT D'UN REACTEUR ALIMENTE PAR CARBURANT**
[72] STEGEMANN, BERTOLD, DE
[72] HILTUNEN, PEKKA, DE
[73] OUTOTEC (FINLAND) OY, FI
[85] 2014-07-10
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[25] EN
[54] **POLYTHIOETHERS, MOISTURE CURABLE COMPOSITIONS AND METHODS FOR THEIR MANUFACTURE AND USE**
[54] **POLYTHIOETHERS, COMPOSITIONS DURCISSABLES A L'HUMIDITE ET PROCEDES POUR LES PRODUIRE ET LES UTILISER**
[72] PAJEL, CARISSA, US
[72] REYES, JR. ALFREDO M., US
[72] KELEDJIAN, RAQUEL A., US
[72] ZABRECKY, GORDON, US
[73] PRC-DESOTO INTERNATIONAL, INC., US
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[25] EN
[54] **METHOD OF RECOVERING GOLD AND METHOD OF MANUFACTURING GOLD USING THE SAME**
[54] **PROCEDE DE RECUPERATION D'OR, ET PROCEDE D'EXTRACTION D'OR LE METTANT EN ~UVRE**
[72] HATANO, KAZUHIRO, JP
[72] KATSUKAWA, KOJI, JP
[72] ONO, EIKI, JP
[72] SANO, MASAKI, JP
[73] JX NIPPON MINING & METALS CORPORATION, JP
[85] 2014-07-15
[86] 2012-11-16 (PCT/JP2012/079856)
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[25] EN
[54] **ANTITUBERCULOSIS DRUG COMBINATION COMPRISING OXAZOLE COMPOUNDS**
[54] **COMPOSITION ANTI-TUBERCULOSE CONTENANT DES COMPOSES A BASE D'OXAZOLE**
[72] MATSUMOTO, MAKOTO, JP
[72] HASHIZUME, HIROYUKI, JP
[72] TOMISHIGE, TATSUO, JP
[72] KAWASAKI, MASANORI, JP
[72] SHIMOKAWA, YOSHIHIKO, JP
[73] OTSUKA PHARMACEUTICAL CO., LTD., JP
[86] (2862193)
[87] (2862193)
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[25] EN
[54] **COLORED WATER-REPELLANT AND CROCKING-RESISTANT COMPOSITIONS**
[54] **COMPOSITIONS COLOREES HYDROFUGES ET RESISTANTES AU DEGORGEMENT PAR FROTTEMENT**
[72] PARKER, ERIK M., US
[72] WINTEROWD, JACK G., US
[72] ROBAK, GLEN, US
[73] WEYERHAEUSER NR COMPANY, US
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[54] **ROLLING STOCK**
[54] **VEHICULE DE CHEMINS DE FER**
[72] HAYASHI, KENTARO, JP
[72] OOHASHI, KENGO, JP
[73] NIPPON SHARYO, LTD., JP
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[54] **SMS MESSAGING SYSTEM ACCOMMODATING VARIABLE ENTRIES FOR LOTTERIES**
[54] **CONTRIBUTIONS VARIABLES A DES LOTERIES AVEC ADAPTATION A UN SYSTEME DE TRANSMISSION DE SMS**
[72] DE CUBA, RIANGELO JAVIER, AW
[73] DE CUBA, RIANGELO JAVIER, AW
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[54] **APPARATUSES AND METHODS FOR BONDING SUBSTRATES**
[54] **APPAREILS ET PROCEDES POUR LIER DES SUBSTRATS**
[72] SCHNEIDER, UWE, US
[72] ORDWAY, DAVID CARLTON, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **ELASTOMERIC COMPOSITES CONTAINING MODIFIED FILLERS AND FUNCTIONALIZED ELASTOMERS**
[54] **COMPOSITES ELASTOMERES CONTENANT DES CHARGES MODIFIEES ET ELASTOMERES FONCTIONNALISES**
[72] BELMONT, JAMES A., US
[72] TIRUMALA, VIJAY R., US
[72] ZHANG, PING, US
[73] CABOT CORPORATION, US
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[25] EN
[54] **POLYISOCYANATE TRIMERIZATION CATALYST COMPOSITION**
[54] **COMPOSITION CATALYTIQUE DE TRIMERISATION DE POLYISOCYANATE**
[72] ESBELIN, CHRISTIAN, BE
[72] VERBEKE, HUGO, BE
[72] VERBEKE, HANS GODELIEVE GUIDO, BE
[73] HUNTSMAN INTERNATIONAL LLC, US
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[25] EN
[54] **METHOD OF DRILLING BY INSTALLING MULTIPLE ANNULAR SEALS BETWEEN A RISER AND A STRING**
[54] **PROCEDE DE FORAGE CONSISTANT A INSTALLER DE MULTIPLES JOINTS D'ETANCHEITE ANNULAIRES ENTRE UNE COLONNE MONTANTE ET UN TRAIN DE TIGES**
[72] ORBELL, CHARLES R., US
[72] LEUCHTENBERG, CHRISTIAN, ID
[72] GODFREY, CRAIG W., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (2867384)
[87] (2867384)
[22] 2007-11-07
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[54] **LATCH APPARATUS FOR SAFETY BELT**
[54] **APPAREIL DE VERROUILLAGE POUR CEINTURE DE SECURITE**
[72] HUANG, CHUNG-MING, TW
[72] OUYANG, CHIH-HUNG, TW
[72] LAI, DENG-HORNG, TW
[72] CHIEN, KE-CHENG, TW
[72] HUNG, TZU-JEN, TW
[73] BROGENT TECHNOLOGIES INC., TW
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[54] **METHOD OF COLD ROLLING A SEAMLESS PIPE**
[54] **PROCEDE DE LAMINAGE A FROID POUR TUBE SANS SOUDURE**
[72] MIYAHARA, OSAMU, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **AIRCRAFT WATER TANK POLYMER GEL PREPARATION SYSTEM**
[54] **SYSTEME DE PREPARATION DE GEL POLYMERE POUR RESERVOIR D'EAU D'AERONEF**
[72] DOTEN, LEONARD E., US
[73] DOTEN, LEONARD E., US
[86] (2869820)
[87] (2869820)
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[51] **Int.Cl. H04W 92/02 (2009.01)**
[25] EN
[54] **ENABLING INTEROPERABILITY BETWEEN A BROADBAND NETWORK AND A NARROWBAND NETWORK**
[54] **MISE EN OEUVRE DE L'INTEROPERABILITE ENTRE UN RESEAU A LARGE BANDE ET UN RESEAU A BANDE ETROITE**
[72] NEWBERG, DONALD G., US
[72] ANTONELLI, MICHELLE M., US
[72] DROZT, PETER M., US
[72] KORUS, MICHAEL F., US
[73] MOTOROLA SOLUTIONS, INC., US
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[25] FR
[54] **SKID LANDING GEAR EQUIPPED WITH AT LEAST ONE EQUALISER BAR, AND AIRCRAFT**
[54] **TRAIN D'ATTERRISSAGE A PATINS MUNI D'AU MOINS UNE TRAVERSE A BALANCIERS, ET AERONEF**
[72] PRUD'HOMME-LACROIX, PIERRE, FR
[72] ARNAUD, REMY-ELIAN, FR
[72] MAKINADJIAN, BRICE, FR
[73] AIRBUS HELICOPTERS, FR
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[54] **DISPOSITIF DE LOCALISATION ET DE RELOCALISATION**
[72] ATKINSON, DARREN GLEN, CA
[72] HAUGHTON, KEITH LOUIS, CA
[73] ATKINSON AUDIO INC., CA
[85] 2014-06-11
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[25] EN
[54] **ANGLED SLOT FOAM DISPENSER**
[54] **DISTRIBUTEUR DE MOUSSE A FENTE INCLINEE**
[72] OPHARDT, HEINER, CH
[72] JONES, ANDREW, CA
[72] MCDONOUGH, PADRAIG, IE
[72] SHI, ZHENCHUN (TONY), CA
[73] OP-HYGIENE IP GMBH, CH
[86] (2875087)
[87] (2875087)
[22] 2007-12-07
[62] 2,613,785

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[51] **Int.Cl. B01D 11/00 (2006.01) B01D 21/00 (2006.01) B03B 5/60 (2006.01) C22B 3/00 (2006.01) E02D 27/32 (2006.01) B65D 88/12 (2006.01)**
[25] EN
[54] **SOLVENT EXTRACTION SETTLER COMPRISING A FOUNDATION**
[54] **DECANTEUR POUR EXTRACTION PAR SOLVANT COMPRENANT UNE FONDATION**
[72] VAARNO, JUSSI, FI
[72] SAARIO, RAMI, FI
[72] FREDRIKSSON, HENRI, FI
[73] OUTOTEC (FINLAND) OY, FI
[85] 2014-12-05
[86] 2013-06-12 (PCT/FI2013/050637)
[87] (WO2014/001619)
[30] FI (20125714) 2012-06-26

[11] **2,875,907**
[13] C
[51] **Int.Cl. B01D 11/04 (2006.01) C22B 3/02 (2006.01) C22B 3/26 (2006.01)**
[25] EN
[54] **SOLVENT EXTRACTION SETTLER ARRANGEMENT**
[54] **AGENCEMENT DE DECANTEUR POUR EXTRACTION PAR SOLVANT**
[72] VAARNO, JUSSI, FI
[72] SAARIO, RAMI, FI
[72] FREDRIKSSON, HENRI, FI
[73] OUTOTEC (FINLAND) OY, FI
[85] 2014-12-05
[86] 2013-06-12 (PCT/FI2013/050640)
[87] (WO2014/001622)
[30] FI (20125717) 2012-06-26

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[11] **2,876,585**
[13] C
[51] **Int.Cl. G06T 7/00 (2006.01) G06T 1/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING IMAGE SIMILARITY**
[54] **PROCEDE ET SYSTEME POUR DETERMINER UNE SIMILITUDE ENTRE IMAGES**
[72] CHAO, ISAAC, US
[73] FACEBOOK, INC., US
[85] 2015-01-05
[86] 2013-07-05 (PCT/US2013/049416)
[87] (WO2014/011495)
[30] US (13/545,783) 2012-07-10

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[11] **2,878,225**
[13] C
[51] **Int.Cl. H01M 4/88 (2006.01) H01M 8/1004 (2016.01)**
[25] EN
[54] **METHOD OF TRANSFERRING CATALYST LAYER AND JIG USED THEREFOR**
[54] **PROCEDE DE TRANSFERT DE COUCHE DE CATALYSEUR ET GABARIT UTILISE DANS CE PROCEDE**
[72] YAMAMOTO, MASAYA, JP
[72] TOYOSHIMA, KENICHI, JP
[72] ONO, KEI, JP
[72] HORIBE, NORIFUMI, JP
[72] TERASAKI, TAKAYUKI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2014-12-31
[86] 2013-06-24 (PCT/JP2013/067272)
[87] (WO2014/007101)
[30] JP (2012-148791) 2012-07-02

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[11] **2,881,263**
[13] C
[51] **Int.Cl. C12N 1/20 (2006.01) C12N 9/18 (2006.01) C12P 19/00 (2006.01)**
[25] EN
[54] **FERULATE ESTERASE PRODUCING STRAIN LACTOBACILLUS PLANTARUM LP678 AND METHODS OF USING SAME AS A SILAGE INOCULANT**
[54] **SOUCHE PRODUISANT DE LA FERULATE ESTERASE LACTOBACILLUS PLANTARUM LP678 ET PROCEDES D'UTILISATION DE CELLE-CI EN TANT QU'INOCULANT POUR ENSILAGE**
[72] NSEREKO, VICTOR, US
[72] RUTHERFORD, WILLIAM, US
[72] SMILEY, BRENDA K., US
[72] SPIELBAUER, ANNETTE, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2881263)
[87] (2881263)
[22] 2005-09-01
[62] 2,578,238
[30] US (60/606,389) 2004-09-01

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[51] **Int.Cl. C09K 8/54 (2006.01) C09K 8/52 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **A TREATMENT FLUID CONTAINING A CORROSION INHIBITOR OF A POLYMER INCLUDING A SILICONE AND AMINE GROUP**
[54] **FLUIDE DE TRAITEMENT CONTENANT UN INHIBITEUR DE CORROSION COMPOSE D'UN POLYMERE CONTENANT UNE SILICONE ET UN GROUPE AMINE**
[72] MISRA, GARIMA, IN
[72] KUMAR, ARUNESH, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-13
[86] 2013-05-24 (PCT/US2013/042667)
[87] (WO2014/046743)
[30] US (13/624,301) 2012-09-21

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[11] **2,882,512**
[13] C
[51] **Int.Cl. C12N 1/20 (2006.01) C12N 9/16 (2006.01)**
[25] EN
[54] **FERULATE ESTERASE PRODUCING STRAIN LACTOBACILLUS BREVIS LB1154 AND METHODS OF USING SAME AS A SILAGE INOCULANT**
[54] **SOUCHES LACTOBACILLUS BREVIS LB1154 PRODUISANT DE LA FERULATE ESTERASE ET PROCEDES D'UTILISATION DE CELLES-CI POUR LE TRAITEMENT DE PRODUITS D'ENSILAGE**
[72] NSEREKO, VICTOR, US
[72] RUTHERFORD, WILLIAM, US
[72] SMILEY, BRENDA K., US
[72] SPIELBAUER, ANNETTE, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2882512)
[87] (2882512)
[22] 2005-09-01
[62] 2,578,238
[30] US (60/606,389) 2004-09-01

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[13] C
[51] **Int.Cl. C12N 1/20 (2006.01) C12P 19/00 (2006.01)**
[25] EN
[54] **FERULATE ESTERASE PRODUCING STRAIN LACTOBACILLUS CRISPATUS LI2350 AND METHODS OF USING SAME AS A SILAGE INOCULANT**
[54] **SOUCHE LACTOBACILLUS CRISPATUS LI2350 PRODUISANT DE LA FERULATE ESTERASE ET PROCEDES D'UTILISATION DE CELLES-CI POUR LE TRAITEMENT DE PRODUITS D'ENSILAGE**
[72] NSEREKO, VICTOR, US
[72] RUTHERFORD, WILLIAM, US
[72] SMILEY, BRENDA K., US
[72] SPIELBAUER, ANNETTE, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2882532)
[87] (2882532)
[22] 2005-09-01
[62] 2,578,238
[30] US (60/606,389) 2004-09-01

[11] 2,885,949
[13] C
[51] **Int.Cl. F15B 21/00 (2006.01) B60W 10/06 (2006.01) B60W 10/30 (2006.01)**
[25] EN
[54] **VEHICLE EQUIPPED WITH A HYDRAULICALLY-OPERATED DEVICE**
[54] **VEHICULE EQUIPE D'UN DISPOSITIF A FONCTIONNEMENT HYDRAULIQUE**
[72] KATO, NORIHIKO, JP
[72] KOIDE, YUKIKAZU, JP
[73] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[86] (2885949)
[87] (2885949)
[22] 2015-03-23
[30] JP (2014-064795) 2014-03-26

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[13] C
[51] **Int.Cl. B60W 10/30 (2006.01) B60W 10/06 (2006.01) B66F 9/06 (2006.01) F15B 21/00 (2006.01)**
[25] EN
[54] **INDUSTRIAL VEHICLE**
[54] **VEHICULE INDUSTRIEL**
[72] KOIDE, YUKIKAZU, JP
[72] KATO, NORIHIKO, JP
[73] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[86] (2886477)
[87] (2886477)
[22] 2015-03-26
[30] JP (2014-064794) 2014-03-26

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[11] 2,886,571
[13] C
[51] **Int.Cl. H01M 4/88 (2006.01) B05C 9/14 (2006.01) B05C 13/02 (2006.01) H01M 8/1004 (2016.01)**
[25] EN
[54] **COATING APPARATUS**
[54] **APPAREIL DE POSE DE REVETEMENT**
[72] TOYOSHIMA, KENICHI, JP
[72] ONO, KEI, JP
[72] YAMAMOTO, MASAYA, JP
[72] HORIBE, NORIFUMI, JP
[72] TERASAKI, TAKAYUKI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2015-03-27
[86] 2013-08-27 (PCT/JP2013/072819)
[87] (WO2014/050406)
[30] JP (2012-217075) 2012-09-28

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[13] C
[51] **Int.Cl. G06Q 20/00 (2012.01)**
[25] EN
[54] **ELECTRONIC SIGNING TOOL, SYSTEM AND METHOD**
[54] **OUTIL, SYSTEME ET PROCEDE DE SIGNATURE ELECTRONIQUE**
[72] LI, DONGSHENG, CN
[73] TENDYRON CORPORATION, CN
[85] 2015-04-07
[86] 2013-09-25 (PCT/CN2013/084211)
[87] (WO2014/056399)
[30] CN (201210376477.0) 2012-10-08

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[13] C
[51] **Int.Cl. A47G 29/08 (2006.01) A46B 17/04 (2006.01) A47K 5/00 (2006.01) A61C 19/02 (2006.01)**
[25] EN
[54] **TOOTHBRUSH HOLDER APPARATUS**
[54] **APPAREIL DE SUPPORT DE BROSSE A DENTS**
[72] MAUFFETTE, CLAUDE, CA
[72] JACQUES, JEAN-FRANCOIS, CA
[72] LAMOTHE, DENIS, CA
[72] LAMOTHE, JEAN, CA
[72] HALMAI, PIERRE, CA
[73] MAXOR INC., CA
[85] 2015-04-14
[86] 2013-09-26 (PCT/CA2013/050733)
[87] (WO2014/078953)
[30] US (61/729,115) 2012-11-21

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[13] C
[51] **Int.Cl. A63H 33/08 (2006.01)**
[25] EN
[54] **ILLUMINATING BUILDING BLOCK WITH HIGH LIGHT TRANSMISSION**
[54] **BLOC DE CONSTRUCTION LUMINEUX A TAUX ELEVE DE TRANSMISSION LUMINEUSE**
[72] LIN, CHIA-YEN, CN
[72] FENG, YAPING, CN
[73] LONGMEN GETMORE POLYURETHANE CO., LTD., CN
[86] (2888320)
[87] (2888320)
[22] 2015-04-20
[30] CN (201410351688.8) 2014-07-22

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[11] 2,891,748
[13] C
[51] **Int.Cl. C08L 23/12 (2006.01) C08F 2/00 (2006.01)**
[25] EN
[54] **TIGER STRIPE MODIFIER**
[54] **MODIFICATEUR DE ZEBRURES**
[72] TRANNINGER, MICHAEL, AT
[72] GRESTENBERGER, GEORG, AT
[72] SANDHOLZER, MARTINA, AT
[72] SCHWARZENBERGER, SIMON, AT
[72] KAHLEN, SUSANNE, AT
[72] POTTER, GREGORY, AT
[73] BOREALIS AG, AT
[85] 2015-05-15
[86] 2013-11-28 (PCT/EP2013/075014)
[87] (WO2014/083129)
[30] EP (12194766.7) 2012-11-29

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[51] **Int.Cl. F16B 45/02 (2006.01) A61G 1/003 (2006.01) A61G 7/10 (2006.01)**
[25] EN
[54] **CARABINER AND CONNECTION TOOL FOR USE WITH PATIENT CARRYING SYSTEMS**
[54] **OUTIL DE RACCORDEMENT A MOUSQUETON POUR PORTE-MALADES**
[72] CHEPURNY, MARK, CA
[72] SHANI, MIKEL, CA
[73] PRISM MEDICAL LTD., CA
[86] (2891809)
[87] (2891809)
[22] 2004-12-02
[62] 2,489,047

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[13] C
[51] **Int.Cl. C09K 3/00 (2006.01) B01J 49/00 (2006.01) C02F 1/66 (2006.01) C04B 41/00 (2006.01) C09K 8/528 (2006.01) C11D 3/00 (2006.01) C23F 15/00 (2006.01) C23G 1/08 (2006.01)**
[25] EN
[54] **SYNTHETIC ACID COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS D'ACIDE SYNTHETIQUES ET LEURS UTILISATIONS**
[72] PURDY, CLAY, CA
[72] THATCHER, DARREN, CA
[72] GARNER, JON, CA
[72] ULMER, BRUCE, CA
[73] FLUID ENERGY GROUP LTD., CA
[86] (2892875)
[87] (2892875)
[22] 2015-05-28
[30] CA (2,852,729) 2014-05-30
[30] CA (2,866,510) 2014-10-02

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[13] C
[51] **Int.Cl. B64C 1/00 (2006.01)**
[25] EN
[54] **COMPOSITE MATERIAL STRUCTURES WITH INTEGRAL COMPOSITE FITTINGS AND METHODS OF MANUFACTURE**
[54] **STRUCTURES DE MATERIAU COMPOSITE AVEC FIXATIONS COMPOSITES INTEGREES ET PROCEDES DE FABRICATION**
[72] ZILBERMAN, LIOR, IL
[72] KATZUNI, ORAN, IL
[72] COHEN, LEVE, IL
[73] ELBIT SYSTEMS - CYCLONE LTD., IL
[85] 2015-06-04
[86] 2013-12-03 (PCT/IL2013/050993)
[87] (WO2014/087403)
[30] IL (223443) 2012-12-04

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[13] C
[51] **Int.Cl. A47G 7/04 (2006.01) A01G 5/04 (2006.01) A47G 7/02 (2006.01)**
[25] EN
[54] **APPARATUSES AND KITS FOR DISPLAYING ITEMS**
[54] **APPAREILS ET TROUSSES DESTINES A LA PRESENTATION D'ARTICLES**
[72] LAPOINTE, ROCH, CA
[73] LAPOINTE, ROCH, CA
[86] (2894327)
[87] (2894327)
[22] 2015-06-12

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[13] C
[51] **Int.Cl. G09F 9/37 (2006.01) G02B 26/08 (2006.01) H02K 41/03 (2006.01)**
[25] EN
[54] **POLYMORPHIC SURFACE SYSTEMS AND METHODS**
[54] **RESEAUX DE SURFACE POLYMORPHE ET METHODES**
[72] KHAN, ASIF, CA
[72] KLISKA, NEMANJA, CA
[72] VARDY, NICHOLAS GEORGE, CA
[72] ROSS, ALEXANDER STEVEN, CA
[73] MAIEUTIC ENTERPRISES INC., CA
[85] 2015-06-22
[86] 2015-02-27 (PCT/CA2015/000133)
[87] (2894983)
[30] US (61/946,740) 2014-03-01
[30] US (62/041,632) 2014-08-25
[30] US (14/633,110) 2015-02-26

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[13] C
[51] **Int.Cl. F16B 21/02 (2006.01) B29C 65/56 (2006.01) F16B 5/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR CONNECTING MATS**
[54] **APPAREIL ET PROCEDES DE RACCORDEMENT DE MATS**
[72] MCDOWELL, JAMES KERWIN, US
[72] ROGERS, DONALD SCOTT, US
[73] NEWPARK MATS & INTEGRATED SERVICES LLC, US
[85] 2015-06-15
[86] 2013-04-19 (PCT/US2013/037322)
[87] (WO2014/107185)
[30] US (61/748,818) 2013-01-04
[30] US (13/780,350) 2013-02-28

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[13] C
[51] **Int.Cl. C10B 29/00 (2006.01) C10B 25/00 (2006.01)**
[25] EN
[54] **VENT STACK LIDS AND ASSOCIATED SYSTEMS AND METHODS**
[54] **COUVERCLES DE COLONNE DE VENTILATION ET SYSTEMES ET PROCEDES ASSOCIES**
[72] WEST, GARY DEAN, US
[72] CHOI, CHUN WAI, US
[72] HIRT, THOMAS JAMES, US
[73] SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC., US
[85] 2015-06-25
[86] 2012-12-28 (PCT/US2012/072174)
[87] (WO2014/105065)

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[13] C
[51] **Int.Cl. E21B 19/18 (2006.01) E21B 4/00 (2006.01) E21B 17/043 (2006.01)**
[25] EN
[54] **DOWNHOLE ROTATIONAL LOCK MECHANISM**
[54] **MECANISME DE VERROUILLAGE DE ROTATION EN FOND**
[72] KHAPARDE, ASHISH PRAFULLA, IN
[72] THAKUR, DIPENDER RAVINDRA, IN
[72] SONAR, SANDIP SATISH, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-07-16
[86] 2013-02-20 (PCT/US2013/026803)
[87] (WO2014/130020)

[11] **2,898,603**
[13] C
[51] **Int.Cl. G01B 11/245 (2006.01) A01J 5/017 (2006.01) G06T 7/60 (2006.01)**
[25] EN
[54] **VISION SYSTEM FOR ROBOTIC ATTACHER**
[54] **SYSTEME DE VISION POUR ROBOT DE POSE**
[72] HOFMAN, HENK, NL
[72] DE RUIJTER, COR, NL
[72] KOEKOEK, MENNO, NL
[72] VAN DER SLUIS, PETER WILLEM, NL
[73] TECHNOLOGIES HOLDINGS CORP., US
[86] (2898603)
[87] (2898603)
[22] 2012-04-27
[62] 2,849,212
[30] US (13/095,994) 2011-04-28
[30] US (13/448,751) 2012-04-17
[30] US (13/448,799) 2012-04-17
[30] US (13/448,840) 2012-04-17
[30] US (13/448,873) 2012-04-17
[30] US (13/448,913) 2012-04-17

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[13] C
[51] **Int.Cl. A61K 31/47 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **PPARY AGONISTS FOR TREATMENT OF MULTIPLE SCLEROSIS**
[54] **AGONISTES PPARY SERVANT AU TRAITEMENT DE LA SCLEROSE EN PLAQUES**
[72] WEINSTEIN, DAVID, US
[73] INTEKRIN THERAPEUTICS, INC., US
[85] 2015-07-23
[86] 2014-01-23 (PCT/US2014/012656)
[87] (WO2014/120538)
[30] US (61/758,641) 2013-01-30

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[13] C
[51] **Int.Cl. A47L 9/16 (2006.01) A47L 5/24 (2006.01)**
[25] EN
[54] **SURFACE CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE DE SURFACE**
[72] CONRAD, WAYNE ERNEST, CA
[73] OMACHRON INTELLECTUAL PROPERTY INC., CA
[85] 2015-07-29
[86] 2014-02-24 (PCT/CA2014/000134)
[87] (WO2014/131105)
[30] US (13/779,370) 2013-02-27
[30] US (13/779,404) 2013-02-27
[30] US (13/779,533) 2013-02-27
[30] US (13/779,405) 2013-02-27

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[13] C
[51] **Int.Cl. B02C 4/28 (2006.01) B02C 4/30 (2006.01)**
[25] EN
[54] **ROLLER PRESS**
[54] **PRESSE A CYLINDRES**
[72] VISBY-KJAERGAARD, KARSTEN, DK
[72] OLESEN, CLAUS LINDING, DK
[72] RASMUSSEN, MADS PETER, DK
[72] BENNEDSEN, NICK PAW, DK
[73] FLSMIDTH A/S, DK
[85] 2015-07-31
[86] 2014-02-04 (PCT/DK2014/050025)
[87] (WO2014/117783)
[30] DK (PA 2013 70060) 2013-02-04

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[13] C
[51] **Int.Cl. C10C 3/08 (2006.01) C10G 1/04 (2006.01)**
[25] EN
[54] **PARAFFINIC FROTH PRE-TREATMENT**
[54] **PRETRAITEMENT DE MOUSSE PARAFFINIQUE**
[72] ABEL, KEITH A., CA
[72] CHEN, CHIEN-CHIANG, US
[72] SURYO, RONALD, US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[86] (2900794)
[87] (2900794)
[22] 2015-08-18

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[51] **Int.Cl. E21B 43/267 (2006.01) C04B 38/00 (2006.01) E21B 43/17 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SINTERING PROPPANTS**
[54] **APPAREIL ET PROCEDE DE FRITTAGE D'AGENTS DE SOUTENEMENT**
[72] FORET, TODD, US
[73] FORET PLASMA LABS, LLC, US
[85] 2015-08-20
[86] 2014-03-12 (PCT/US2014/024991)
[87] (WO2014/165255)
[30] US (61/777,999) 2013-03-12
[30] US (14/207,172) 2014-03-12

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[13] C
[51] **Int.Cl. B01F 5/12 (2006.01) B01F 15/02 (2006.01) B01F 15/04 (2006.01)**
[25] EN
[54] **HYDRAULIC MIXING DEVICE FOR SPRAYER SYSTEM**
[54] **DISPOSITIF DE MELANGE HYDRAULIQUE POUR SYSTEME DE PULVERISATEUR**
[72] CICENAS, CHRIS W., US
[72] HSU, PAUL, US
[72] HAVLOVITZ, PAUL M., US
[73] OMS INVESTMENTS, INC., US
[85] 2015-09-04
[86] 2014-03-10 (PCT/US2014/022643)
[87] (WO2014/164508)
[30] US (13/794,228) 2013-03-11

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[13] C
[51] **Int.Cl. A61B 17/02 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **MICRO-ORIFICE SURGICAL ACCESS SYSTEM**
[54] **SYSTEME D'ACCES CHIRURGICAL A MICRO-ORIFICE**
[72] MENCHACA, HECTOR J., US
[72] MICHALEK, VAN N., US
[72] SUGUITANI, NESTOR B., BR
[72] BUCHWALD, HENRY, US
[72] OURA, MITSUHIRO, US
[72] ERDMAN, ARTHUR G., US
[73] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2015-09-14
[86] 2014-03-14 (PCT/US2014/028574)
[87] (WO2014/144245)
[30] US (13/833,156) 2013-03-15

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[13] C
[51] **Int.Cl. H02J 50/80 (2016.01) H02J 50/10 (2016.01) H02J 7/00 (2006.01) H03M 5/00 (2006.01)**
[25] EN
[54] **NON-CONTACT POWER SUPPLY SYSTEM**
[54] **SYSTEME D'ALIMENTATION ELECTRIQUE SANS CONTACT**
[72] OKAMOTO, TOMOFUMI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2015-09-29
[86] 2014-03-06 (PCT/JP2014/055740)
[87] (WO2014/156533)
[30] JP (2013-072241) 2013-03-29

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[13] C
[51] **Int.Cl. G09B 9/30 (2006.01) G09B 9/16 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR MANAGING A TRAINING ARENA FOR TRAINING AN OPERATOR OF A HOST VEHICLE**
[54] **PROCEDES ET SYSTEMES DE GESTION D'UNE PISTE D'ENTRAINEMENT DESTINEE A L'ENTRAINEMENT D'UN OPERATEUR D'UN VEHICULE HOTE**
[72] LIVNEH, OFER, IL
[73] ELBIT SYSTEMS LTD., IL
[85] 2015-10-23
[86] 2014-04-23 (PCT/IL2014/050371)
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[72] NICHOLLS, STEPHEN, GB
[72] CRAWFORD, STEPHEN BELL ANDREW, GB
[73] FORD GLOBAL TECHNOLOGIES, LLC, US
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[54] **PROCEDE DE COMMANDE D'UN CONVERTISSEUR A MAILLON DE CHAINE**
[72] HASLER, JEAN-PHILIPPE, SE
[73] ABB TECHNOLOGY LTD, CH
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[54] **SHRED AND SHEAR PUMP**
[54] **POMPE A DECHIQUETER ET A CISAILLER**
[72] MITSCH, BRIAN, US
[73] BJM PUMPS LLC, US
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May 22, 2016 to May 28, 2016

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[54] **BANDE D'ALIGNEMENT D'EXTREMITE**
[72] WATTS, JAMES SIDNEY, CA
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[54] **APPLICATEURS DE MELANGE D'EAU ET DE PRODUITS CHIMIQUES DESTINES A DES APPLICATIONS DE PULVERISATION OU D-INJECTION DANS UN ARBRE**
[72] SWAYZIE, EARL, CA
[71] SWAYZIE, EARL, CA
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[54] **SURGICAL MARKER**
[54] **MARQUEUR CHIRURGICAL**
[72] BEZUHLY, MICHAEL, CA
[71] DALHOUSIE UNIVERSITY, CA
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[54] **A LIFTING GEAR AND CONTAINERS USED WITHIN**
[54] **UN APPAREIL DE LEVAGE ET DES CONTENANTS SERVANT AUDIT APPAREIL**
[72] LIU, JIANWEI J., GB
[71] LIU, JIANWEI J., GB
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[54] **RECIPIENT POUR BOIRE (VERRE) INTERACTIF AVEC ECRAN INTEGRE**
[54] **INTERACTIVE DRINKING CONTAINER (GLASS) WITH INTEGRATED SCREEN**
[72] GOTIENE OBAMBI, RODRIGUE, CA
[71] GOTIENE OBAMBI, RODRIGUE, CA
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[54] **COMPOUNDING AND EXTRUDING METHOD FOR PRODUCING STARCH SOFTGEL CAPSULES**
[54] **PROCEDE DE MELANGE ET D'EXTRUSION DESTINE A LA PRODUCTION DE CAPSULES D'AMIDON A ENVELOPPE MOLLE**
[72] SHUAI, FANGWEN, CN
[72] ZHANG, NUOZI, CN
[72] WANG, XIANGFENG, CN
[72] ZHANG, JIAWEI, CN
[71] ZONGSHAN CAPSULE STARCH MATERIAL TECHNOLOGY CO., LTD., CN
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[54] **MIXING AND EXTRUDING METHOD FOR PREPARING STARCH SOFTGEL CAPSULES**
[54] **PROCEDE DE MELANGE ET D'EXTRUSION DESTINE A LA PREPARATION DE CAPSULES D'AMIDON A ENVELOPPE MOLLE**
[72] SHUAI, FANGWEN, CN
[72] ZHANG, NUOZI, CN
[72] WANG, XIANGFENG, CN
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[54] **COATING AND EXTRUDING METHOD FOR PRODUCING STARCH SOFTGEL CAPSULES**
[54] **PROCEDE DE REVETEMENT ET D'EXTRUSION DESTINE A LA PRODUCTION DE CAPSULES D'AMIDON A ENVELOPPE MOLLE**
[72] SHUAI, FANGWEN, CN
[72] ZHANG, NUOZI, CN
[72] WANG, XIANGFENG, CN
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[54] **PREPARATION PROCESS OF A SELF-REINFORCED STARCH COMPOSITE USED TO PRODUCE CAPSULES**
[54] **PROCEDE DE PREPARATION D'UN COMPOSITE D'AMIDON AUTO-RENFORCE UTILISE POUR PRODUIRE DES CAPSULES**
[72] SHUAI, FANGWEN, CN
[72] ZHANG, NUOZI, CN
[72] WANG, XIANGFENG, CN
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[54] **NOUVEAU POLLINISATEUR DE PALMIER DATTIER DANS LE SOL**
[72] NOUR ELDEAN, HANY AHMAD, CA
[71] NOUR ELDEAN, HANY AHMAD, CA
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[54] **RECOVERING HYDROCARBONS FROM AN UNDERGROUND RESERVOIR**
[54] **RECUPERATION D'HYDROCARBURES DANS UN RESERVOIR SOUTERRAIN**
[72] CHAKRABARTY, TAPANTOSH, CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
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[54] **SYNTHESIS OF ENGINEERED NANOPARTICLES AND METHODS FOR THEIR USE IN WATERCONTAMINANT REMEDIATION**
[54] **SYNTHESE DE NANOPARTICULES D'INGENIERIE ET METHODES D'UTILISATION DESDITES NANOPARTICULES DANS L'ELIMINATION DE CONTAMINANTS DANS L'EAU**
[72] VEINOT, JONATHAN G.C., CA
[72] GOSS, GREG, CA
[72] GAMAL EL-DIN, MOHAMED, CA
[72] BOLTON, JAMES, CA
[72] IQBAL, MUHAMMAD, CA
[72] PURKAIT, TAPAS K., CA
[72] CLARK, RHETT JASON, CA
[72] MACCORMACK, TYSON JAMES, CA
[72] GEREIN, NATHAN, CA
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[54] **METHOD OF MAKING A SUPPLEMENTARY CEMENTING MATERIAL FOR CONCRETE CONSTRUCTION FROM BASE METAL SMELTER SLAGS**
[54] **PROCEDE DE FABRICATION DE MATERIAU CIMENTAIRE SUPPLEMENTAIRE POUR UNE CONSTRUCTION EN BETON A PARTIR DE SCORIES DE FONTE**
[72] KROFCHAK, DAVID, CA
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[54] **SYSTEME DE POMPAGE A ENTRAINEMENT EN SURFACE**
[72] MARKOVITCH, PETER T., CA
[72] CARDINAL, LARRY, CA
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[54] **COMPOSITE PANELS, CORRESPONDING FABRICATION PROCESSES AND USES**
[54] **PANNEAUX COMPOSITES, PROCEDES DE FABRICATION ET UTILISATIONS CORRESPONDANTES**
[72] BERNARD, ALAIN, CA
[72] BERNARD, MARC-ALEXANDRE, CA
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[54] **FOOD PRODUCT AND METHOD OF MAKING SAME**
[54] **PRODUIT ALIMENTAIRE ET PROCEDE DE FABRICATION ASSOCIE**
[72] KRAEGER, GARY P., US
[71] S'MORES & MORE, LLC, US
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[54] **COVER FOR KEY STORAGE LOCK BOX**
[54] **COUVERCLE POUR BOITE VERROUILLEE DE RANGEMENT DE CLE**
[72] MCASEY, SEAN ARTHUR JAMES, CA
[71] TURNER, DUANE, CA
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[54] **APPARATUS AND METHOD FOR MONITORING PERFORMANCE OF RADIATION DETECTOR**
[54] **APPAREIL ET METHODE DE SURVEILLANCE DU RENDEMENT D'UN DETECTEUR DE RAYONNEMENT**
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[54] **MULTI-ROTATIONAL OR SINGLE-ROTATIONAL MEDICAL DEVICE**
[54] **DISPOSITIF MEDICAL A ROTATION SIMPLE OU MULTIPLE**
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[71] SHARMA, PAWAN K., CA
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[54] **MODULAR SHIPPING CONTAINER, SYSTEM, AND METHOD**
[54] **CONTENANT D'EXPEDITION MODULAIRE, SYSTEME ET METHODE**
[72] BOWSER, BRUCE DOUGLAS, CA
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[54] **RIDGE VENT AND METHOD OF SECURING THE SAME TO A ROOF PEAK**
[54] **EVENT DE FAITAGE ET METHODE DE FIXATION DUDIT EVENT A UN FAITAGE**
[72] COOKE, ROB, CA
[72] PROCTOR, KENT, CA
[71] CANPLAS INDUSTRIES LTD., CA
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[54] **BLOWN INSULATION APPARATUS AND METHOD**
[54] **APPAREIL D'ISOLATION SOUFFLEE ET METHODE**
[72] MILLHOUSE, JAMES STEPHEN, US
[72] FURMAN, MICHAEL JAMES, US
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[72] CHAN, ERIC, CA
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[54] **IONIZATION BY MAGNETIC INDUCTION FOR DIESEL FUELED ENGINES**
[54] **IONISATION PAR INDUCTION MAGNETIQUE POUR MOTEURS ALIMENTES AU DIESEL**
[72] KULESZA, ROMAN, CA
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[54] **A UNIVERSAL LIQUID APPLICATOR HANDLE WITH INTEGRATED PUMPING SYSTEM**
[54] **UNE POIGNEE D'APPLICATEUR LIQUIDE UNIVERSELLE DOTEE D'UN MECANISME DE POMPAGE INTEGRE**
[72] UNKNOWN, ZZ
[71] HOSSEINI, KHALIL, CA
[71] SHICHINOHE, YURI, CA
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[54] **HIGH PIXEL DENSITY ARRAY ARCHITECTURE**
[54] **ARCHITECTURE DE RESEAU A DENSITE DE PIXELS ELEVEE**
[72] UNKNOWN, ZZ
[71] IGNIS INNOVATION INC., CA
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[54] **GRIP AID(GRIP ASSIST)(ATTACHABLE FRICTION STRIP)**
[54] **AIDE DE PRISE (AIDE DE PREHENSION) (BANDE DE FRICTION ATTACHABLE)**
[72] SINGH, RODERICK P., CA
[71] SINGH, RODERICK P., CA
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[51] **Int.Cl. B66C 1/12 (2006.01) B66C 1/16 (2006.01) B66F 11/00 (2006.01)**
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[54] **ADJUSTABLE MODULE LIFT FRAME ASSEMBLY**
[54] **ENSEMBLE DE CHASSIS DE MODULE DE LEVAGE AJUSTABLE**
[72] HERMANN, ULRICH (RICK), CA
[71] PCL INDUSTRIAL MANAGEMENT INC., CA
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[54] **APPARATUS FOR MEAT-SAUSAGE PORTION AND FOR A MEDICINAL PILL**
[54] **APPAREIL DE MISE EN PORTION DE CHAIR A SAUCISSE EN VUE DE PRODUIRE UN COMPRIME MEDICINAL**
[72] CHMIELEWSKI, MICHAEL, CA
[71] CHMIELEWSKI, MICHAEL, CA
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[54] **ANDROID DEVICE TO DETECT CONCEALED ITEMS IN AN AUTOMOBILE**
[54] **VEHICULE ANDROIDE SERVANT A DETECTER DES ARTICLES CACHES DANS UNE AUTOMOBILE**
[72] WORKMAN, MICHAEL G., CA
[72] UNKNOWN, ZZ
[71] WORKMAN, MICHAEL G., CA
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[51] **Int.Cl. H01M 4/86 (2006.01) B60L 11/18 (2006.01)**
[25] EN
[54] **MEMBRANE ELECTRODE ASSEMBLY FOR A FUEL CELL, METHOD FOR PREPARING THE MEMBRANE ELECTRODE ASSEMBLY, FUEL CELL SYSTEM AND VEHICLE**
[54] **DISPOSITIF D'ELECTRODE A MEMBRANE POUR UNE PILE A COMBUSTIBLE, PROCEDE DE PREPARATION DU DISPOSITIF D'ELECTRODE A MEMBRANE, PILE A COMBUSTIBLE ET VEHICULE**
[72] CHUY, CARMEN, CA
[72] MCDERMID, SCOTT, CA
[72] BAI, KYOUNG, CA
[72] NGO, TRAN, CA
[71] DAIMLER AG, DE
[71] FORD MOTOR COMPANY, US
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[54] **BRAIN EQUALIZER**
[54] **EGALISEUR DE CERVEAU**
[72] TOGHIANI-RIZI, JAHANBAKHSH, CA
[71] TOGHIANI-RIZI, JAHANBAKHSH, CA
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[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR DYNAMICALLY CONTROLLING WEB-BASED MEDIA GALLERIES**
[54] **METHODE, SYSTEME ET APPAREIL DE CONTROLE DYNAMIQUE DE GALERIES DE MEDIAS FONDEES SUR LE WEB**
[72] DAHAN, DANIEL, CA
[71] IGNU INC., CA
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[41] 2016-05-28

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[51] **Int.Cl. B27B 17/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR OPERATING A POWER SAW**
[54] **APPAREIL ET METHODE D'UTILISATION D'UNE SCIE A CHAINE**
[72] BRANCACCIO, VITO PETER, CA
[71] BRANCACCIO, VITO PETER, CA
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[51] **Int.Cl. C05G 3/00 (2006.01)**
[25] FR
[54] **FIXATIVE COMPOSITIONS, FERTILIZER GRANULES, FABRICATION PROCESSES AND THEIR USES**
[54] **COMPOSITIONS D'AGENT FIXATIF, GRANULES D'ENGRAIS, ET PROCEDES DE FABRICATION ET LEURS UTILISATIONS**
[72] HARNOIS, JEAN-MARC, CA
[72] BAZIRAMAKENGA, REGIS, CA
[71] AGRO-100 LTEE, CA
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[51] **Int.Cl. F16L 23/12 (2006.01) F16L 9/12 (2006.01) F16L 13/14 (2006.01) F16L 17/06 (2006.01)**
[25] EN
[54] **METHOD FOR FORMING INLINE TRIPLE WALL COUPLING CONNECTOR**
[54] **PROCEDE DE FACONNAGE DE CONNECTEUR DE RACCORD DE MUR TRIPLE EN LIGNE**
[72] LUPKE, MANFRED A. A., CA
[71] LUPKE, MANFRED A. A., CA
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[41] 2016-05-28

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[13] A1
[51] **Int.Cl. E04G 13/02 (2006.01) E02D 27/00 (2006.01) E04B 1/41 (2006.01)**
[25] EN
[54] **APPARATUS FOR POSITIONING ANCHOR BOLTS**
[54] **APPAREIL DE POSITIONNEMENT DE BOULONS D'ANCRAGE**
[72] OZUM, ARDA, CA
[71] 1834032 ALBERTA INC., CA
[22] 2014-12-02
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[54] **SWEETENER COMPOSITIONS COMPRISING STEVIOL GLYCOSIDES AND NON-STEVIOL SECONDARY SWEETENERS**
[54] **COMPOSITIONS D'EDULCORANT RENFERMANT DES GLYCOSIDES STEVIOLS ET DES EDULCORANTS SECONDAIRES NON STEVIOLS**
[72] XINGGUANG, XU, CA
[71] GLG LIFE TECH CORPORATION, CA
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[54] **REMORQUES A CAPTAGE INTERRELIE**
[72] SMITH, JASON STEVEN, CA
[71] SMITH, JASON STEVEN, CA
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[72] ROMBOUGH, BUNNIE, CA
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[54] **FAISABILITE ET SOUTIEN DE MISE A JOUR D'APPLICATION**
[72] MALYSHEV, STANISLAV, US
[72] SPRACKETT, ZAC, US
[72] VINK, JELLE, US
[72] HUANG, PAUL, US
[72] VYSOTSKY, ARTEM, US
[71] SUGARCRM INC., US
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[54] **DISPOSITIF DE VERROU**
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[72] LIN, CHIH-LUNG, TW
[71] TAIWAN FU HSING INDUSTRIAL CO., LTD., TW
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[54] **LOGEMENT JETABLE D'OUTIL A USAGE LIMITE**
[72] AMAN, PETER M., US
[72] MATTHEWS, FREDERICK N., US
[72] JONES, MATTHEW, US
[72] ACEVEDO, RICHARD, US
[72] TAGTOW, DANIEL, US
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[71] INSURGICAL INC., US
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[54] **GLISSIERE DE SECURITE A SOULEVEMENT VERTICAL**
[72] MORAN, ERIC M., US
[71] CONTROL DYNAMICS, INC., US
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[54] **SYSTEME DE NAVIGATION PEDESTRE ET METHODE ASSOCIEE**
[72] MA, CHIH-CHUN, TW
[72] WEI, SHIH-YAO, TW
[72] WANG, RONG-SHENG, TW
[72] CHOU, SHIH-CHUN, TW
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[54] **APPARATUS AND METHOD FOR OPTICALLY SCANNING A SURFACE OF AN OBJECT UNDER ADVERSE EXTERNAL CONDITION**
[54] **APPAREIL ET METHODE DE BALAYAGE OPTIQUE D'UNE SURFACE D'UN OBJET EN SITUATION DE CONDITION EXTERNE ADVERSE**
[72] COUTURIER, JEAN-PIERRE, CA
[71] CENTRE DE RECHERCHE INDUSTRIELLE DU QUEBEC, CA
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[54] **COMMANDE DE RECUPERATION DE SCIE D'ABATTAGE**
[72] GOEDKEN, NICHOLAS M., US
[72] RASZGA, CALIN, US
[72] RAMLER, MATTHEW J., US
[71] DEERE & COMPANY, US
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[54] **MOULIN A FINES HERBES A FONCTIONNEMENT MANUEL**
[72] WATTS, JIM, CA
[72] FITZGERALD, FRED, CA
[71] WATTS, JIM, CA
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[54] **MODULAR SHIPPING CONTAINER HAVING HINGED DOORS, SYSTEM, AND METHOD**
[54] **CONTENANT D'EXPEDITION MODULAIRE COMPORTANT DES PORTES A CHARNIERE, SYSTEME ET METHODE**
[72] BOWSER, BRUCE DOUGLAS, CA
[71] BOWSER, BRUCE DOUGLAS, CA
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[54] **AIRFOIL WITH STEPPED SPANWISE THICKNESS DISTRIBUTION**
[54] **PROFIL AERODYNAMIQUE COMPORTANT UNE DISTRIBUTION D'EPAISSEUR EN ENVERGURE ETAGEE**
[72] WARIKOO, RAMAN, CA
[72] BALIKE, KRISHNA PRASAD, CA
[72] LOBO, KEEGAN, CA
[72] DUONG, HIEN, CA
[72] VEITCH, THOMAS, CA
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[54] **METHOD OF MEASURING TEMPERATURE OF A HEATED PART**
[54] **METHODE DE MESURE DE LA TEMPERATURE D'UNE PIECE CHAUFFEE**
[72] CHLEBOWSKI, ROBERT, CA
[72] MILES, WILLIAM, CA
[72] ZALEWSKI, LEO, CA
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[54] **IMAGE FORMING SHEET FOR ELECTROPHOTOGRAPHY**
[54] **FEUILLE DE FORMATION D'IMAGE POUR L'ELECTROPHOTOGRAPHIE**
[72] KOBAYASHI, TOMOO, JP
[72] TSUTSUMI, KOJIRO, JP
[72] TORIKOSHI, KAORU, JP
[72] YUKAWA, TOSHIYASU, JP
[72] HARADA, KATSUMI, JP
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[54] **ABRADABLE COMPOSITION AND SEAL OF AN AXIAL-FLOW TURBOMACHINE COMPRESSOR CASING**
[54] **COMPOSITION ABRADABLE ET JOINT D'ETANCHEITE D'UN LOGEMENT DE COMPRESSEUR D'UNE TURBOMACHINE A FLUX AXIAL**
[72] SCHUSTER, LAURENT, BE
[71] TECHSPACE AERO S.A., BE
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[54] **CEMENT CARTRIDGE DISPENSING DEVICE HAVING ROLLING CLAMPING BODIES**
[54] **DISPOSITIF DE DISTRIBUTION DE CARTOUCHE DE CIMENT COMPORTANT DES CORPS DE PINCAGE ROULANTS**
[72] GREINER, CLEMENS, DE
[72] VOGT, SEBASTIAN, DE
[71] HERAEUS MEDICAL GMBH, DE
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[54] **MODULE DE RASOIR**
[72] LEE, TSUNG SHIH, TW
[71] LEE, TSUNG SHIH, TW
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[54] **COOLING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE REFROIDISSEMENT**
[72] LINDHOLM, KARI, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI
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[54] **APPLICATEUR DE GAINE DE CONDUCTEUR**
[72] NILES, MARTIN S., CA
[72] YOUNG, SCOTT, CA
[72] YEATS, KEITH L., CA
[72] LEROUZIC, EDMOND, CA
[71] CANTEGA TECHNOLOGIES INC., CA
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[54] **METHOD FOR MANUFACTURING A COMPONENT USING AN ADDITIVE MANUFACTURING PROCESS**
[54] **PROCEDE DE FABRICATION D'UN COMPOSANT AU MOYEN D'UN PROCEDE DE FABRICATION ADDITIF**
[72] ENGELI, ROMAN, CH
[72] ETTER, THOMAS, CH
[72] MEIDANI, HOSSEIN, CH
[71] ALSTOM TECHNOLOGY LTD, CH
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[54] **ENGINE DRIVE PUMP (EDP) AUTOMATIC DEPRESSURIZATION SYSTEM**
[54] **MECANISME DE DEPRESSURISATION AUTOMATIQUE DE POMPE D'ENTRAINEMENT MOTEUR**
[72] WILSON, THOMAS MICHAEL, US
[72] HASENOEHRL, THOMAS RAYMOND, US
[72] CHIN, EDMOND C., US
[72] LESYNA, MARK WILLIAM, US
[71] THE BOEING COMPANY, US
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[54] **RECOLTEUR DE RESINE DE SAPIN COMPORTANT UN ADAPTEUR POUR BOUTEILLE DE PLASTIQUE**
[72] MC TEAR, DANIEL, CA
[71] MC TEAR, DANIEL, CA
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[54] **FOLDING SEAT**
[54] **SIEGE PLIANT**
[72] YIP, KWAI, HK
[71] YIP, KWAI, HK
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[54] **HVAC SYSTEMS, DEVICES, AND METHODS WITH IMPROVED REGULATION OF REFRIGERANT FLOW**
[54] **SYSTEMES CVCA, APPAREILS ET METHODES DESTINES A AMELIORER LA REGULATION DE LA CIRCULATION DE REFRIGERANT**
[72] GOEL, RAKESH, US
[72] BURMANIA, IAN, US
[71] LENNOX INDUSTRIES INC., US
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[54] **GARDE-BOUE AVANT D'UN VEHICULE DE TYPE A SELLETTE**
[72] OSHIMA, HIDEKAZU, JP
[72] EBIHARA, TAKUYA, JP
[71] HONDA MOTOR CO., LTD., JP
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[25] EN
[54] **AN ELECTRONIC DEVICE FOR MEASURING A DIFFERENTIAL CURRENT IN AN ELECTRIC LINE**
[54] **UN DISPOSITIF ELECTRONIQUE SERVANT A MESURER UN COURANT DIFFERENTIEL DANS UNE LIGNE ELECTRIQUE**
[72] GHEZZI, LUCA, IT
[72] VALLARINO, FABIO, IT
[72] ANTONELLO, PAOLO, IT
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[54] **GARAGE DOOR DRIP GUARD**
[54] **PROTECTION ANTI-GOUTTES POUR PORTE DE GARAGE**
[72] LADHA, RIAZ, CA
[72] LADHA, FAISAL, CA
[71] LADHA, RIAZ, CA
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[54] **CEMENT CARTRIDGE DISPENSING DEVICE HAVING ROLLING CLAMPING BODIES**
[54] **DISPOSITIF DE DISTRIBUTION DE CARTOUCHE DE CIMENT COMPORTANT DES CORPS DE SERRAGE ROULANTS**
[72] GREINER, CLEMENS, DE
[72] VOGT, SEBASTIAN, DE
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[54] **DETECTEUR DE SURCHARGE SOUPLE THERMO-MECANIQUE**
[72] MELECIO RAMIREZ, JUAN IGNACIO, MX
[72] RUBIO BARRAZA, GABRIELA ISABEL, MX
[72] ARCOS MEDINA, WALDO JESUS, MX
[71] SCHNEIDER ELECTRIC USA, INC., US
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[25] EN
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[54] **SYSTEME D'AFFICHAGE DE PRODUITS ALIMENTAIRES EN VRAC ET METHODES ASSOCIEES**
[72] SIROTOVSKY, MAXIM, US
[72] YANBEKOV, PAVEL R., US
[71] WOWTHYGUEST, INC., US
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[54] **SOUND FILTER ATTACHMENT**
[54] **FIXATION POUR FILTRE DE SON**
[72] KUKURUDZA, VLADIMIR WALTER, CA
[71] KUKURUDZA, VLADIMIR WALTER, CA
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[25] EN
[54] **DRILL PIPE OSCILLATION REGIME FOR SLIDE DRILLING**
[54] **REGIME D'OSCILLATION DE TUYAU DE FORAGE POUR FORAGE DE GLISSEMENT**
[72] GILLAN, COLIN, US
[72] ROLONG, CARLOS, US
[72] HADI, MAHMOUD, US
[72] GROOVER, AUSTIN, US
[72] VENUGOPAL, SURESH, US
[71] CANRIG DRILLING TECHNOLOGY LTD., US
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[54] **METHOD OF MANUFACTURING FUEL CELL**
[54] **PROCEDE DE FABRICATION DE PILE A COMBUSTIBLE**
[72] USAMI, SHO, JP
[72] YAEGASHI, MEGUMI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[25] FR
[54] **GAS COOKING DEVICE, SPECIFICALLY A GAS OVEN**
[54] **APPAREIL DE CUISSON A GAZ, NOTAMMENT UN FOUR A GAZ**
[72] CECCHIN, THOMAS, FR
[72] MENEGAZZI, ERIC, FR
[71] LA CORNUE, FR
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[25] EN
[54] **FLAME RETARDANT PVC MATERIAL**
[54] **MATERIAU DE PVC A COMBUSTION LENTE**
[72] LIPP, ANETTE, DE
[72] BRIX, SUSANNE, DE
[71] NEXANS, FR
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[41] 2016-05-28
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[54] **AIR-INTAKE SYSTEM FOR INTERNAL COMBUSTION ENGINE**
[54] **MECANISME D'ADMISSION D'AIR POUR UN MOTEUR A COMBUSTION INTERNE**
[72] MORIE, SHUICHI, JP
[72] HIRAI, YOSHIKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[30] JP (2014-241363) 2014-11-28

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[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **IRRIGATED ABLATION CATHETER WITH MULTIPLE SENSORS**
[54] **CATHETER D'ABLATION IRRIGUE DOTE DE PLUSIEURS CAPTEURS**
[72] SCHULTZ, JEFFREY, US
[72] DUARTE, MARIA J., US
[72] GHIDOLI, DANIELE, US
[72] CHUU, KELVIN, US
[72] BAR-TAL, MEIR, US
[72] CLARK, JEFFREY, US
[72] BERGER, ABRAHAM, IL
[72] HAZAN, AVRI, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[54] **APPAREILS D'EXTRACTION DE FLUIDE SUPERCRITIQUE ET PROCEDES D'EXPLOITATION ASSOCIES**
[72] CRANDALL, MATTHIAS K., US
[72] BIEHL, EMERSON, US
[71] PARADIGM SUPERCRITICAL INNOVATIONS LLC, US
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[54] **APPAREIL DE LAVAGE DE PHARE DE VEHICULE**
[72] BAERG, JAY RYAN, CA
[71] BAERG INNOVATIONS INC., CA
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[54] **CORROSION-INHIBITING SOL-GEL COATING SYSTEMS AND METHODS**
[54] **SYSTEMES DE REVETEMENT SOL-GEL INHIBITEURS DE CORROSION ET METHODES**
[72] KINLEN, PATRICK JOHN, US
[72] LAWLESS, LAWRENCE MICHAEL, US
[72] JACKSON, EILEEN, US
[71] THE BOEING COMPANY, US
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[54] **PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING DISPLAY OF SELECTABLE ELEMENTS**
[54] **DISPOSITIF ELECTRONIQUE PORTATIF ET PROCEDE DE COMMANDE D'AFFICHAGE D~ELEMENTS POUVANT ETRE SELECTIONNES**
[72] LEYON, CHRISTOFER BENGT THURE, CH
[71] BLACKBERRY LIMITED, CA
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[54] **METHODS AND SYSTEMS FOR OPERATING HVAC SYSTEMS IN LOW LOAD CONDITIONS**
[54] **METHODES ET SYSTEMES D'EXPLOITATION DE SYSTEMES CVCA EN CONDITIONS DE FAIBLE CHARGE**
[72] HUNG, DER-KAI, US
[71] LENNOX INDUSTRIES, INC., US
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[41] 2016-05-25
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[54] **SYSTEM AND METHOD FOR CRIMPING A FASTENING COMPONENT ON A SUPPORT**
[54] **SYSTEME ET METHODE DE SERRAGE D'UNE COMPOSANTE DE FIXATION SUR UN SUPPORT**
[72] SIMONET, FREDERIC, FR
[71] BOLLHOFF OTALU S.A., FR
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[54] **UNMANNED AERIAL VEHICLE**
[54] **VEHICULE AERIEN SANS PILOTE**
[72] DAIGLE, GILLES, CA
[71] SKYMETRO UAV TECHNOLOGY INC., CA
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[54] **FIXATIVE COMPOSITIONS, FERTILIZER GRANULES , FABRICATION PROCESSES AND THEIR USES**
[54] **COMPOSITIONS D'AGENT FIXATIF, GRANULES D'ENGRAIS, ET PROCEDES DE FABRICATION ET LEURS UTILISATIONS**
[72] HARNOIS, JEAN-MARC, CA
[72] BAZIRAMAKENGA, REGIS, CA
[71] AGRO-100 LTEE, CA
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[54] **A SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR LOCATING MEMBERS OF A CROWD AND CONTROLLING INTERACTIONS THEREWITH**
[54] **UN SYSTEME, UNE METHODE ET UN PRODUIT DE PROGRAMME INFORMATIQUE SERVANT A LOCALISER LES MEMBRES D~UNE FOULE ET A CONTROLER LES INTERACTIONS DANS LA FOULE**
[72] CARON, CLAUDE, CA
[72] CHAMBERLAND-TREMBLAY, DANIEL, CA
[71] 9178066 CANADA INC, CA
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[41] 2016-05-24
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[54] **LINE FEED MECHANISM FOR STRING TRIMMER**
[54] **MECANISME D'ALIMENTATION POUR TONDEUSE A FOUET**
[72] SERGYEYENKO, OLEKSIY P., US
[72] POOLE BRIAN, US
[71] BLACK & DECKER INC., US
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[54] **AERODYNAMIC ENGINE TEST CELL SIMULATION USING A MIXTURE PLAN SUBDIVIDED INTO ANGULAR SECTORS**
[54] **SIMULATION AERODYNAMIQUE CELLULE-MOTEUR UTILISANT UN PLAN DE MELANGE SUBDIVISE EN SECTEURS ANGULAIRES**
[72] BOURDEAU, CHRISTOPHE, FR
[72] BLANC, FLORIAN, GB
[72] JULIAN, MARC, FR
[71] AIRBUS OPERATIONS, FR
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[25] FR
[54] **NAVIGATION ASSISTANCE FOR A MULTI-ENGINE ROTORCRAFT IN CASE OF ENGINE FAILURE, FOR VARIABLE SPEED DRIVE OF A MAIN ROTOR OF THE ROTORCRAFT**
[54] **ASSISTANCE A LA NAVIGATION D'UN GIRAVION MULTIMOTEUR EN CAS DE PANNE-MOTEUR, DANS LE CADRE D'UN ENTRAINEMENT A VITESSE VARIABLE D'UN ROTOR PRINCIPAL DU GIRAVION**
[72] VALLART, JEAN-BAPTISTE, FR
[72] TAHERI, SETAREH, FR
[72] GAVIOS, DAMIEN, FR
[72] ROCHERON, CELINE, FR
[71] AIRBUS HELICOPTERS, FR
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[54] **TOILET USAGE SENSING SYSTEM**
[54] **MECANISME DE DETECTION D'UTILISATION DE LA TOILETTE**
[72] VEROS, MICHAEL J., US
[72] SAWASKI, JOEL D., US
[71] DELTA FAUCET COMPANY, US
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[54] **DEVICE AND METHOD FOR CLEANING A SUBMERGED SURFACE OF A VESSEL OR SIMILAR AND USE OF SUCH A DEVICE**
[54] **DISPOSITIF ET METHODE DE NETTOYAGE DE SURFACE SUBMERGEE D'UN RECIPIENT OU AUTRE SEMBLABLE ET UTILISATION D'UN TEL DISPOSITIF**
[72] VAN ROMPAY, BOUDEWIJN GABRIEL, US
[71] VAN ROMPAY, BOUDEWIJN GABRIEL, US
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[54] **SYSTEMS AND METHODS FOR OPTIMIZING OPERATION OF A WIND FARM**
[54] **SYSTEMES ET METHODES D'OPTIMISATION DE L'EXPLOITATION D'UN PARC D'EOLIENNES**
[72] RAVINDRA, VISHAL CHOLAPADI, IN
[72] AMBEKAR, AKSHAY KRISHNAMURTY, IN
[72] CHANDRASHEKAR, SIDDHANTH, IN
[71] GENERAL ELECTRIC COMPANY, US
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[54] **FUSIBLE LINK CABLE HARNESS AND SYSTEMS AND METHODS FOR ADDRESSING FUSIBLE LINK CABLE HARNESSES**
[54] **FAISCEAU DE CABLE A LIEN FUSIBLE ET SYSTEMES ET METHODES RELATIFS AUX FAISCEAUX DE CABLES A LIEN FUSIBLE**
[72] JONES, DOYLE, US
[71] HONEYWELL INTERNATIONAL INC., US
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[41] 2016-05-25
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[54] **SYSTEM AND METHOD OF CONTEXUAL ADJUSTMENT OF VIDEO FIDELITY TO PROTECT PRIVACY**
[54] **SYSTEME ET METHODE D'AJUSTEMENT CONTEXTUEL DE FIDELITE VIDEO EN VUE DE PROTEGER LA VIE PRIVEE**
[72] RYLSKI, ERIK, US
[71] HONEYWELL INTERNATIONAL INC., US
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[54] **CONNECTOR WITH STABILIZATION MEMBERS AND METHOD OF ASSEMBLY**
[54] **RACCORD DOTE D'ELEMENTS STABILISANT ET METHODE D'ASSEMBLAGE**
[72] DEFIBAUGH, GEORGE RICHARD, US
[72] DAUBERT, FIELDON NATHAN, US
[72] LANTZY, JOHN PHIL, US
[72] OLSON, JOSEPH RICHARD, US
[71] TYCO ELECTRONICS CORPORATION, US
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[54] **WATER TANK FALL ARREST AND RESCUE APPARATUS**
[54] **RESERVOIR D'EAU A DISPOSITIF DE RECUPERATION ET D'ARRET DE CHUTE**
[72] REYNOLDS, FREDERICK J., US
[72] TAYLOR, SCOTT, US
[72] DYKES, JUSTIN, US
[72] MARLOW, TYRELL, US
[71] WESTERN TECHNOLOGY SERVICES INTERNATIONAL, INC., US
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[54] **ROOFING PANEL WITH INTERLOCKING CLIPPING SYSTEM**
[54] **PANNEAU DE TOITURE COMPORTANT UN MECANISME DE PINCE BLOCANT**
[72] ANDERSON, ERIC R., US
[72] RAILKAR, SUDHIR, US
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US
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[30] US (62/083,615) 2014-11-24
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[54] **VENT APPARATUS AND METHOD**
[54] **APPAREIL DE VENTILATION ET METHODE**
[72] NAJAFI, HAMID, US
[71] INTELISENSE, INC., US
[22] 2015-11-23
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[54] **PARTIAL UPGRADING SYSTEM AND METHOD FOR HEAVY HYDROCARBONS**
[54] **SYSTEME D'ACTUALISATION PARTIELLE ET PROCEDE DESTINE AUX HYDROCARBURES LOURDS**
[72] BERNAR, RODGER FRANCESCO, CA
[72] JIA, LEI, CA
[71] HUSKY OIL OPERATIONS LIMITED, CA
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[54] **TRUSSES FOR USE IN BUILDING CONSTRUCTION AND METHODS OF INSTALLING SAME**
[54] **MONTANTS DESTINES A LA CONSTRUCTION DE BATIMENT ET METHODES D'INSTALLATION ASSOCIEES**
[72] KENNELY, BERNARD JOSEPH, AU
[72] PAULL, MIKE, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **METHODS FOR FABRICATING COLOR IMAGE DISPLAY DEVICES COMPRISING STRUCTURAL COLOR PIXELS FROM A GENERIC STAMP**
[54] **PROCEDES DE FABRICATION DE DISPOSITIFS D'AFFICHAGE D'IMAGE EN COULEUR COMPORTANT DES PIXELS DE COULEUR STRUCTURAUX A PARTIR D'UN MODELE GENERIQUE**
[72] JIANG, HAO, CA
[72] REZAEI, MOHAMAD, CA
[72] KAMINSKA, BOZENA, CA
[71] NANOMEDIA SOLUTIONS INC., CA
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[54] **TREATMENT PROCESS FOR RECOVERY AND SEPARATION OF ELEMENTS FROM LIQUORS**
[54] **PROCEDE DE TRAITEMENT DESTINE A LA RECUPERATION ET LA SEPARATION D'ELEMENTS DES LIQUEURS**
[72] LIDDELL, KEITH STUART, GB
[72] SMITH, LISA ANNE, AU
[72] ADAMS, MICHAEL DAVID, TH
[71] LIFEZONE LIMITED, MU
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[54] **TREATMENT PROCESS FOR EXTRACTION OF PRECIOUS, BASE AND RARE ELEMENTS**
[54] **PROCEDE DE TRAITEMENT DESTINE A L'EXTRACTION DE MATIERES PRECIEUSES, DE MATIERE DE BASE ET D'ELEMENTS DE TERRES RARES**
[72] LIDDELL, KEITH STUART, GB
[72] SMITH, LISA ANNE, AU
[72] ADAMS, MICHAEL DAVID, TH
[71] LIFEZONE LIMITED, MU
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[54] **WATER HEATER WITH ANTI-DEFORMATION SKIN**
[54] **CHAUFFE-EAU COMPORTANT UN REVETEMENT ANTI-DEFORMATION**
[72] WATTS, RICHARD, US
[72] TERWILLIGER, R. JAMES, US
[71] A. O. SMITH CORPORATION, US
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[54] **A NEPHELOMETRIC PROCESS TURBIDIMETER**
[54] **UN TURBIDIMETRE A TRAITEMENT NEPHELEMETRIQUE**
[72] DE HEIJ, BAS, DE
[72] PALUMBO, PERRY, US
[71] HACH LANGE GMBH, DE
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[54] **NEPHELOMETRIC TURBIDIMETER VIAL ARRANGEMENT**
[54] **DISPOSITION DE FIOLE DE TURBIDIMETRE NEPHELEMETRIQUE**
[72] BATTEFELD, MANFRED, DE
[72] DE HEIJ, BAS, DE
[72] KUMPCH, HANS-JOACHIM, DE
[72] MITREITER, ANDREAS, DE
[72] GOLITZ, ANDREAS, DE
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[72] DE HEIJ, BAS, DE
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[54] **UNDERLAYMENT ARTICLES, COMPOSITIONS, AND METHOD OF MANUFACTURE THEREOF**
[54] **ARTICLES DE SOUS-COUCHE, COMPOSITIONS ET METHODE DE FABRICATION ASSOCIEE**
[72] DENMAN, KURT J., US
[71] CONGOLEUM CORPORATION, US
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[54] **SYSTEM AND METHOD FOR PIPELINE MANAGEMENT**
[54] **SYSTEME ET METHODE DE GESTION DE PIPELINE**
[72] GERLING, DARREN ANTHONY, CA
[72] GERLING, JASON WAYNE, CA
[71] CYLO TECHNOLOGIES INCORPORATED, CA
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[54] **COUPE-HERBE**
[72] YUAN, FENG, CN
[72] PENG, MING, CN
[72] GUO, JIANPENG, CN
[72] TANG, ZICHUN, CN
[71] CHERVON INTELLECTUAL PROPERTY LIMITED, VG
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[54] **CARTOGRAPHIE DIFFERENTIELLE D'UN ORGANE CORPOREL**
[72] MERSCHON, ASAF, IL
[72] MASSARWA, FADY, IL
[72] ADI, LIAV MOSHE, IL
[72] ZINO, ELIAHU, IL
[72] ZIGELMAN, GIL, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[54] **COMPOSITION ORALE**
[72] GOODMAN, JANICE RAE, CA
[71] GOODMAN, JANICE RAE, CA
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[54] **TRANSITION FOR VINYL TILE AND CARPET TILE**
[54] **ELEMENT DE TRANSITION ENTRE UN CARREAU DE VINYLE ET UN CARREAU DE TAPIS**
[72] MOWERS, TERRANCE ARTHUR, US
[72] JOHNSTON, CURT, US
[71] TARKETT USA INC., US
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[25] EN
[54] **BOND LAYER FOR SILICON-CONTAINING SUBSTRATES**
[54] **COUCHE DE LIAISON POUR SUBSTRATS RENFERMANT DU SILICONE**
[72] LANDWEHR, SEAN E., US
[72] LEE, KANG N., US
[72] CHAMBERLAIN, ADAM LEE, US
[71] ROLLS-ROYCE CORPORATION, US
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[41] 2016-05-24
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[54] **POSITIONING TABLE**
[54] **TABLE DE POSITIONNEMENT**
[72] POBUDA, RONALD HENRY, ZZ
[72] DAYDUKE, ROLAND WILLIAM, ZZ
[72] VETTER, RICHARD ANTHONY, ZZ
[71] AMS SOLUTIONS INC., CA
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[25] EN
[54] **MEDICATION ORGANIZER TRAY APPARATUS**
[54] **APPAREIL DE PLATEAU D'ORGANISATEUR DE MEDICAMENTS**
[72] IKA, RAVI V., US
[72] JAIN, YOGENDRA K., US
[72] TATI, ANAND M., US
[72] DUCEY, PAUL, US
[72] LEE, JAMES, US
[72] TALLABATTULA, PRAKASH, US
[72] PATEL, KAMAL, US
[71] RXADVANCE CORPORATION, US
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[51] **Int.Cl. F41C 33/00 (2006.01) A45F 5/00 (2006.01) F41C 23/02 (2006.01)**
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[54] **GUN SLING RETAINING DEVICE**
[54] **DISPOSITIF DE RETENUE D'UNE BRETELLE DE FUSIL**
[72] CROSS, TOM, US
[72] BYERS, GARY, US
[71] CROSS, TOM, US
[71] BYERS, GARY, US
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[54] **COMPOUND BOW WITH OFFSET SYNCHRONIZER**
[54] **ARC COMPOSE COMPORTANT UN MECANISME DE SYNCHRONISATION DECALE**
[72] MCPHERSON, MATHEW A., US
[71] MCP IP, LLC, US
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[41] 2016-05-26
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[25] EN
[54] **AIRCRAFT FUSELAGE FRAME**
[54] **CHASSIS DE FUSELAGE D'AERONEF**
[72] MARTINO GONZALEZ, ESTEBAN, ES
[72] FOLCH CORTES, DIEGO, ES
[72] GOYA ABAURREA, PABLO, ES
[72] PASCUAL FUERTES, ANGEL, ES
[72] LINARES MENDOZA, SANDRA, ES
[72] GUILLEMAUT, JULIEN, FR
[72] BOUCHET, ERIC, FR
[72] COLMAGRO, JEROME, FR
[72] BLANC, JONATHAN, FR
[71] AIRBUS OPERATIONS S.L., ES
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[25] EN
[54] **COMPUTERIZED DATA PROCESSING SYSTEMS AND METHODS FOR GENERATING GRAPHICAL USER INTERFACES**
[54] **SYSTEMES DE TRAITEMENT DE DONNEES INFORMATISEES ET METHODES SERVANT A GENERER DES INTERFACES GRAPHIQUES**
[72] MANCINE, NATHAN, US
[72] ROVNAN, JOHN, US
[72] HARBER, JASON, US
[71] TELETRACKING TECHNOLOGIES, INC., US
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[51] **Int.Cl. H02J 50/80 (2016.01) H02J 50/12 (2016.01)**
[25] EN
[54] **ELECTRIC POWER TRANSMISSION DEVICE**
[54] **DISPOSITIF DE TRANSMISSION D'ALIMENTATION ELECTRIQUE**
[72] MISAWA, TAKAHIRO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2015-11-24
[41] 2016-05-28
[30] JP (2014-242084) 2014-11-28
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[25] EN
[54] **COMPACT RADIOFREQUENCY EXCITATION MODULE WITH INTEGRATED KINEMATICS AND COMPACT BIAXIAL ANTENNA COMPRISING AT LEAST ONE SUCH COMPACT MODULE**
[54] **MODULE D'EXCITATION EN RADIOFREQUENCE COMPACT A CINEMATIQUE INTEGREE ET ANTENNE BIAXIALE COMPACTE COMPORTANT UN TEL MODULE COMPACT**
[72] LORENZO, JEROME, FR
[72] BOSSHARD, PIERRE, FR
[72] BROSSIER, JEROME, FR
[72] MONTEILLET, BENJAMIN, FR
[72] MEZIANI, ABDELKADER, FR
[71] THALES, FR
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[51] **Int.Cl. B21D 5/04 (2006.01) E03C 1/02 (2006.01) F16L 3/12 (2006.01) F16L 5/00 (2006.01)**
[25] EN
[54] **BEND FIXTURE**
[54] **DISPOSITIF D'INSTALLATION COURBE**
[72] VALOLA, JONNE, FI
[72] UOSUKAINEN, MIKA, FI
[72] ISAKSSON, BENGT, FI
[72] SAVOLAINEN, MIKA, FI
[71] UPONOR INNOVATION AB, FI
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[51] **Int.Cl. B60P 3/39 (2006.01) B60P 3/34 (2006.01)**
[25] EN
[54] **VERTICALLY-ADJUSTABLE BED AND CLOSET FOR A RECREATIONAL VEHICLE**
[54] **LIT A AJUSTEMENT VERTICAL ET ARMOIRE DESTINES A UN VEHICULE RECREATIF**
[72] SNELL, MIKE, US
[71] REV RECREATION GROUP, INC., US
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[51] **Int.Cl. B60P 3/30 (2006.01) B60P 3/22 (2006.01)**
[25] EN
[54] **INTEGRATED MUFFLER FOR HYDROVAC SYSTEM**
[54] **ECHAPPEMENT INTEGRE POUR SYSTEME HYDROVAC**
[72] SPURGEON, CLAYTON G., US
[72] SPURGEON, CLINTON L., US
[72] SPURGEON, STEVEN C., US
[71] SOUTHWEST ROCKIES MANUFACTURING, LLC, US
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[51] **Int.Cl. H02M 1/08 (2006.01) H02M 5/458 (2006.01) H02P 27/04 (2016.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OPERATING POWER CONVERTERS**
[54] **SYSTEME ET METHODE D'EXPLOITATION DE CONVERTISSEURS D'ENERGIE ELECTRIQUE**
[72] YUAN, ZHIHUI, US
[72] CHEN, QINGYUN, US
[72] SCHROEDER, STEFAN, US
[72] SHEN, JIE, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. G06Q 30/00 (2012.01)**
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[54] **DYNAMIC CONTACT MANAGEMENT SYSTEMS AND METHODS**
[54] **SYSTEME ET METHODE DE GESTION DYNAMIQUE DES CONTACTS**
[72] VON TEICHMAN, DESMOND, CA
[72] ANDERSEN, THOMAS, CA
[71] VON TEICHMAN, DESMOND, CA
[71] ANDERSEN, THOMAS, CA
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[51] **Int.Cl. H04W 74/04 (2009.01)**
[25] FR
[54] **MANAGEMENT METHOD FOR THE ACCESSIBILITY OF AN UPLINK CHANNEL IN A TELECOMMUNICATIONS NETWORK, INFRASTRUCTURE, SOFTWARE AND ELECTRONIC MODULE IMPLEMENTING THIS METHOD**
[54] **PROCEDE DE GESTION DE L'ACCESSIBILITE D'UN CANAL MONTANT DANS UN RESEAU DE TELECOMMUNICATION, INFRASTRUCTURE, PROGRAMME INFORMATIQUE, ET MODULE ELECTRONIQUE METTANT EN OEUVRE CE PROCEDE**
[72] TANNEAU, LANNIG, FR
[71] AIRBUS DS SAS, FR
[22] 2015-11-26
[41] 2016-05-28
[30] FR (FR1402695) 2014-11-28

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[13] A1
[51] **Int.Cl. A61K 8/58 (2006.01) A61Q 17/04 (2006.01)**
[25] EN
[54] **USE OF SILICON-CONTAINING PARTICLES FOR PROTECTION FROM UV RADIATION, PROCESS FOR PRODUCTION THEREOF AND FORMULATIONS COMPRISING THEM**
[54] **UTILISATION DE PARTICULES RENFERMANT DU SILICONE POUR LA PROTECTION CONTRE LE RAYONNEMENT UV, TRAITEMENT DE PRODUCTION ASSOCIE ET FORMULATIONS EN RENFERMANT**
[72] LANG, JURGEN ERWIN, DE
[72] KROLL, MICHAEL, DE
[72] UEHLENBRUCK, GOSWIN, DE
[71] EVONIK DEGUSSA GMBH, DE
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[51] **Int.Cl. H05K 9/00 (2006.01) C01B 33/00 (2006.01) C01B 33/027 (2006.01)**
[25] EN
[54] **USE OF SILICON-CONTAINING PARTICLES FOR PROTECTION OF INDUSTRIAL MATERIALS FROM UV RADIATION**
[54] **UTILISATION DE PARTICULES RENFERMANT DU SILICONE POUR LA PROTECTION DE MATERIAUX INDUSTRIELS CONTRE LE RAYONNEMENT UV**
[72] LANG, JURGEN ERWIN, DE
[72] KROLL, MICHAEL, DE
[72] UEHLENBRUCK, GOSWIN, DE
[71] EVONIK DEGUSSA GMBH, DE
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[51] **Int.Cl. G01C 25/00 (2006.01)**
[25] EN
[54] **METHOD OF ERROR DETECTION OF AN AIRCRAFT FLIGHT MANAGEMENT AND GUIDANCE SYSTEM AND HIGH-INTEGRITY FLIGHT MANAGEMENT AND GUIDANCE SYSTEM**
[54] **METHODE DE DETECTION D'ERREUR D'UN SYSTEME DE GUIDAGE ET GESTION DE VOL D'UN AERONEF ET SYSTEME DE GUIDAGE ET GESTION DE VOL HAUTE INTEGRITE**
[72] ROGER, MICHEL, FR
[72] DARBOIS, ALEXANDRE, FR
[71] THALES, FR
[22] 2015-11-26
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[51] **Int.Cl. E06B 7/14 (2006.01) E04B 1/68 (2006.01) E06B 1/62 (2006.01) E06B 7/12 (2006.01)**
[25] EN
[54] **ELASTOMERIC FLASHING ASSEMBLY AND METHOD FOR SAME**
[54] **ENSEMBLE DE BANDE D'ETANCHEITE ELASTOMERIQUE ET METHODE ASSOCIEE**
[72] DREYER, DALE A., US
[72] KLEIN, ERIC J., US
[71] MARVIN LUMBER AND CEDAR COMPANY, D/B/A MARVIN WINDOWS AND DOORS, US
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[51] **Int.Cl. G06F 21/60 (2013.01) G06F 17/18 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **DETERMINING JOURNALIST RISK OF A DATASET USING POPULATION EQUIVALENCE CLASS DISTRIBUTION ESTIMATION**
[54] **DETERMINATION DU RISQUE JOURNALISTIQUE D'UN ENSEMBLE DE DONNEES AU MOYEN D'UNE ESTIMATION DE DISTRIBUTION DE CLASSES D'EQUIVALENCE DE POPULATION**
[72] KORTE, STEPHEN, CA
[72] ARBUCKLE, LUK, CA
[72] BAKER, ANDREW, CA
[72] EL EMAM, KHALED, CA
[72] ROSE, SEAN, CA
[71] PRIVACY ANALYTICS INC., CA
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[51] **Int.Cl. E02F 5/02 (2006.01)**
[25] EN
[54] **DITCH FORMING IMPLEMENT**
[54] **ACCESSOIRE DE CREUSAGE DE FOSSE**
[72] THOMPSON, MARK C., CA
[71] DYNAMIC DITCHERS INC., CA
[22] 2015-11-27
[41] 2016-05-27
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[13] A1
[51] **Int.Cl. G06F 21/60 (2013.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD OF RE-IDENTIFICATION RISK MEASUREMENT AND SUPPRESSION ON A LONGITUDINAL DATASET**
[54] **METHODE DE RE-DETERMINATION DE MESURE DE RISQUE ET DE SUPPRESSION DANS UN ENSEMBLE DE DONNEES LONGITUDINALES**
[72] BAKER, ANDREW, CA
[72] ARBUCKLE, LUK, CA
[72] EL EMAM, KHALED, CA
[72] EZE, BEN, CA
[72] KORTE, STEPHEN, CA
[72] ROSE, SEAN, CA
[72] ILIE, CHRISTINE, CA
[71] PRIVACY ANALYTICS INC., CA
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[13] A1
[51] **Int.Cl. H04W 28/12 (2009.01) H04W 28/14 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR COMMUNICATION IN A HYBRID SATELLITE/TERRESTRIAL NETWORK**
[54] **METHODE ET SYSTEME DE COMMUNICATION DANS UN RESEAU HYBRIDE SATELLITE/TERRESTRE**
[72] GADAT, BENJAMIN, FR
[72] VAN WAMBEKE, NICOLAS, FR
[72] PEYROTTE, CHRISTIAN, FR
[71] THALES, FR
[22] 2015-11-27
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[51] **Int.Cl. E21B 17/042 (2006.01) F16L 15/04 (2006.01) F16L 59/15 (2006.01) F16L 59/18 (2006.01)**
[25] EN
[54] **INSULATED TUBING STRING, INSULATED TUBING CONNECTOR AND METHOD OF USE FOR DOWNHOLE APPLICATIONS**
[54] **TRAIN DE COLONNES DE PRODUCTION ISOLEES, RACCORD DE COLONNE DE PRODUCTION ISOLEE ET METHODE D~UTILISATION DESTINEE AUX APPLICATIONS DE FOND DE TROU**
[72] GILBERT, DENIS, CA
[72] STRUYK, ARNOUD, CA
[71] FCCL PARTNERSHIP, CA
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[51] **Int.Cl. B62D 55/07 (2006.01) B62D 21/00 (2006.01) B62D 21/18 (2006.01) B62D 25/00 (2006.01)**
[25] EN
[54] **TUNNEL GUARD FOR A SNOWMOBILE**
[54] **PROTECTEUR DE TUNNEL POUR UNE MOTONEIGE**
[72] VEZINA, SEBASTIEN, CA
[72] LAVALLEE, JEAN-SIMON, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[41] 2016-05-27
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[51] **Int.Cl. B64C 27/32 (2006.01) B64C 27/46 (2006.01) B64C 27/82 (2006.01) G01M 1/36 (2006.01)**
[25] FR
[54] **REAR ROTORCRAFT ROTOR, ROTORCRAFT EQUIPPED WITH SUCH A REAR ROTOR AND STATIC AND/OR DYNAMIC BALANCING METHOD FOR A REAR ROTOR OF A ROTORCRAFT**
[54] **ROTOR ARRIERE DE GIRAVION, GIRAVION EQUIPE D'UN TEL ROTOR ARRIERE ET PROCEDE D'EQUILIBRAGE STATIQUE ET/OU DYNAMIQUE D'UN ROTOR ARRIERE DE GIRAVION**
[72] CERTAIN, BERNARD, FR
[72] JOUVE, JEREMY, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2015-11-19
[41] 2016-05-28
[30] FR (14 02707) 2014-11-28

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[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **TURN ON OPTIMIZATION**
[54] **ACTIVATION D'OPTIMISATION**
[72] CHEN, KENG, US
[72] JOHNSEN, ANDREW, US
[72] XIAO, PENG, US
[71] OSRAM SYLVANIA INC., US
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[54] **TRANSMITTING APPARATUS, RECEIVING APPARATUS, AND CONTROLLING METHODS THEREOF**
[54] **APPAREIL D'EMISSION, APPAREIL DE RECEPTION, ET LEURS PROCEDES DE COMMANDE**
[72] HWANG, SUNG-OH, KR
[72] MOURAD, ALAIN, GB
[72] YANG, HYUN-KOO, KR
[72] HWANG, SUNG-HEE, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2016-02-01
[86] 2014-08-05 (PCT/KR2014/007226)
[87] (WO2015/020401)
[30] US (61/862,168) 2013-08-05
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[51] **Int.Cl. F16L 11/04 (2006.01) F16L 11/06 (2006.01) F16L 11/12 (2006.01)**
[25] EN
[54] **HOSE WITH RUBBER AND PLASTIC**
[54] **TUYAU FLEXIBLE EN CAOUTCHOUC ET PLASTIQUE**
[72] CLARK, AARON DAVID, US
[72] CLARK, GINA THERESA, US
[71] EATON CORPORATION, US
[85] 2016-03-15
[86] 2014-09-15 (PCT/US2014/055605)
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[51] **Int.Cl. B65B 31/02 (2006.01)**
[25] EN
[54] **VACUUM DRAWER FOR VACUUMIZING FOODSTUFFS WITH ACTUATABLE LID**
[54] **TIROIR A VIDE A COUVERCLE ACTIONNABLE POUR METTRE SOUS VIDE DES DENREES ALIMENTAIRES**
[72] BOCKS, STEFAN, DE
[72] KOFLER, ROBERT, AT
[72] WEWECK, ALEXANDER, DE
[72] HARLANDER, FLORIAN, AT
[72] KOPFENSTEINER, PETER, AT
[71] MICHATEK, K.S., SK
[85] 2016-03-23
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[30] DE (10 2014 015 788.1) 2014-10-24

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[51] **Int.Cl. A61M 5/172 (2006.01) A61B 5/145 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SUBCUTANEOUS OUTPATIENT MANAGEMENT**
[54] **GESTION DE PROCESSUS SOUS-CUTANE POUR LES PATIENTS EXTERNES**
[72] BOOTH, ROBERT C., US
[72] HEBBLEWHITE, HARRY, US
[71] ASEKO, INC., US
[85] 2016-04-15
[86] 2015-10-26 (PCT/US2015/057372)
[87] (2927335)
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[51] **Int.Cl. B26F 1/40 (2006.01) B21D 28/06 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MACHINING OF A SUBSTRATE**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'UN SUBSTRAT**
[72] BAIST, BERNHARD, DE
[71] MELZER MASCHINENBAU GMBH, DE
[85] 2016-04-28
[86] 2014-12-04 (PCT/DE2014/000619)
[87] (WO2015/104011)
[30] DE (10 2014 000 133.4) 2014-01-13

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[51] **Int.Cl. A47J 31/06 (2006.01) A47J 31/057 (2006.01)**
[25] EN
[54] **BREW BASKET AND FILTER PACK FOR ELECTRIC COFFEE BREWING MACHINE**
[54] **PANIER D'INFUSION ET FILTRE POUR MACHINE A CAFE ELECTRIQUE**
[72] SCHWARZ, MATTHEW, US
[72] WELLS, GLENN, US
[72] MORRIS, LOUIS JAMES, US
[71] COURTESY PRODUCTS, L.L.C., US
[85] 2016-04-28
[86] 2014-10-23 (PCT/US2014/062035)
[87] (WO2015/065813)
[30] US (61/898,317) 2013-10-31

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[13] A1
[51] **Int.Cl. A61B 50/33 (2016.01) A61B 50/00 (2016.01) A61B 50/30 (2016.01)**
[25] EN
[54] **MULTI-COMPONENT PACKAGES FOR MEDICAL DEVICES**
[54] **EMBALLAGES A ELEMENTS MULTIPLES POUR DISPOSITIFS MEDICAUX**
[72] DACEY, DENISE MARIE, US
[71] ETHICON, LLC, US
[85] 2016-04-28
[86] 2014-10-27 (PCT/US2014/062412)
[87] (WO2015/065903)
[30] US (14/071,310) 2013-11-04

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[13] A1
[51] **Int.Cl. B64D 27/26 (2006.01) B64D 27/18 (2006.01)**
[25] EN
[54] **ASSEMBLY FOR AN AIRCRAFT INCLUDING A FITTING SECURED TO THE UPPER SURFACE OF A WING BOX, FOR MOUNTING AN ENGINE STRUT TO SAID WING BOX**
[54] **ENSEMBLE POUR AERONEF COMPRENANT UNE FERRURE FIXEE SUR LA PARTIE EXTRADOS D'UN CAISSON DE VOILURE, POUR LE MONTAGE D'UN MAT D'ACCROCHAGE SUR CE CAISSON DE VOILURE**
[72] PAUTIS, OLIVIER, FR
[71] AIRBUS OPERATIONS (SAS), FR
[85] 2016-04-28
[86] 2014-11-05 (PCT/FR2014/052815)
[87] (WO2015/067891)
[30] FR (13 60821) 2013-11-05

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[54] **STABILISATION DE PROBIOTIQUE**
[72] CEVALLOS, BOLIVAR, US
[72] SHAH, BHAVINI, US
[72] GONZALEZ, JUAN M., US
[71] MJN U.S. HOLDINGS LLC, US
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[72] GONZALEZ, JUAN M., US
[72] CEVALLOS, BOLIVAR, US
[72] SHAH, BHAVINI, US
[72] NGUYEN, MINHTHY, US
[71] MJN U.S. HOLDINGS LLC, US
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[54] **INSECT PRODUCTS AND METHODS OF MANUFACTURE AND USE THEREOF**
[54] **PRODUITS A BASE D'INSECTES ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES**
[72] DOSSEY, AARON T., US
[71] DOSSEY, AARON T., US
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[54] **WIRE MANAGEMENT FEATURE INTEGRATED INTO PETG TRAY FOR EM TRACKABLE DISPOSABLE PRODUCTS**
[54] **SYSTEME DE GESTION DU CABLAGE INTEGRE DANS UN PLATEAU EN PETG POUR PRODUITS ELECTROMAGNETIQUES JETABLES DETECTABLES**
[72] HARTFELDER, TERESA, US
[72] INABINETT, JAMES M., US
[71] MEDTRONIC XOMED, INC., US
[85] 2016-04-29
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[54] **HOCKEY BLADE WITH ENHANCED CROWN**
[54] **PALETTE DE HOCKEY A COURONNE AMELIOREE**
[72] DAVIS, STEPHEN J., US
[71] EASTON HOCKEY, INC., US
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[25] EN
[54] **SYSTEM FOR DETERMINING A SUITABILITY OF AN ACTIVE INGREDIENT TO BE APPLIED TRANSDERMALLY OR TRANSMUCOSALLY AND CORRESPONDING METHOD**
[54] **SYSTEME DE DETERMINATION D'UNE APTITUDE D'UNE MATIERE ACTIVE POUR L'APPLICATION TRANSDERMIQUE OU TRANSMUCOSALE AINSI QUE PROCEDE ASSOCIE**
[72] FRANKE, HANSHERMANN, DE
[72] MOHR, PATRICK, DE
[72] EIFLER, RENE, DE
[72] BAUER, MARIUS, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
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[54] **IMPROVED METHODS FOR MAKING APPETIZING AND DENTALLY EFFICACIOUS ANIMAL CHEWS**
[54] **PROCEDES AMELIORES DE FABRICATION DE PRODUITS A MACHER POUR ANIMAUX STIMULATEURS DE L'APPETIT ET EFFICACES D'UN POINT DE VUE DENTAIRE**
[72] BARNVOS, DONALD R., US
[72] BERRY, JOHN F., US
[72] COPE, MELINDA S., US
[72] DONATUCCI, MARK, US
[72] ORTIZ, OSCAR, US
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[72] KRUGER, MICHIEL JACOBUS, ZA
[71] DETNET SOUTH AFRICA (PTY) LIMITED, ZA
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[54] **DATA COLLECTION FOR MULTIPLE VIEW GENERATION**
[54] **COLLECTE DE DONNEES POUR GENERATION DE MULTIPLES VUES**
[72] MAMTANI, VINOD MURLI, US
[72] VAHLSING, MATTHEW, US
[72] MORRIS, JAMES JONATHAN, US
[72] HEINZ, GERARD JOSEPH, II, US
[72] WILT, NICHOLAS PATRICK, US
[72] TARAKI, QUAIS, US
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[54] **IMPLEMENT WEIGHT MANAGEMENT SYSTEMS, METHODS, AND APPARATUS**
[54] **SYSTEMES, PROCEDES ET APPAREIL DE GESTION DU POIDS D'UN ENGIN**
[72] SAUDER, DEREK (DECEASED), US
[72] STOLLER, JASON, US
[71] PRECISION PLANTING LLC, US
[85] 2016-05-03
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[54] **NEURODEGENERATIVE DISORDERS AND METHODS OF TREATMENT AND DIAGNOSIS THEREOF**
[54] **TROUBLES NEURODEGENERATIFS ET PROCEDES DE TRAITEMENT ET DE DIAGNOSTIC DE CEUX-CI**
[72] BORGES, KARIN, AU
[72] NGO, SHYUAN T., AU
[71] THE UNIVERSITY OF QUEENSLAND, AU
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[54] **COMPOSITES AND BALLISTIC RESISTANT ARMOR ARTICLES CONTAINING THE COMPOSITES**
[54] **COMPOSITES ET OBJETS DE BLINDAGE RESISTANT AUX BALLES CONTENANT LES COMPOSITES**
[72] BADER, YVES, FR
[72] CITTERIO, FILIPPO, IT
[72] CITTERIO, GIORGIO CELESTE, IT
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **PARALLEL ACCESS TO DATA IN A DISTRIBUTED FILE SYSTEM**
[54] **ACCES PARALLELE A DES DONNEES DANS UN SYSTEME DE FICHIER DISTRIBUE**
[72] WOLLRATH, ANN M., US
[72] DOUROS, BRYAN PHIL, US
[72] ISMAN, MARSHALL ALAN, US
[72] WAKELING, TIMOTHY, US
[71] AB INITIO TECHNOLOGY LLC, US
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[54] **THEACRINE-BASED SUPPLEMENT AND METHOD OF USE THEREOF**
[54] **COMPLEMENT A BASE DE THEACRINE ET SON PROCEDE D'UTILISATION**
[72] LOPEZ, HECTOR L., US
[72] WELLS, SHAWN, US
[72] ZIEGENFUSS, TIM N., US
[71] ORTHO-NUTRA, LLC, US
[85] 2016-05-04
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[54] **COMPOSITION & METHODS OF SCREENING**
[54] **COMPOSITION ET PROCEDES DE CRIBLAGE**
[72] O'HARA, STEPHEN PATRICK, GB
[72] RASTALL, ROBERT, GB
[71] OPTIBIOTIX LIMITED, GB
[85] 2016-05-05
[86] 2014-11-05 (PCT/GB2014/053290)
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[54] **COMPOSITION**
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[72] O'HARA, STEPHEN PATRICK, GB
[71] OPTIBIOTIX LIMITED, GB
[85] 2016-05-05
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[54] **STOP ARRANGEMENT AND BRAKING DEVICE HAVING SUCH AN ARRANGEMENT**
[54] **ENSEMBLE BUTEE ET DISPOSITIF DE FREINAGE DOTE D'UN TEL ENSEMBLE BUTEE**
[72] AKYOL, AZAD, DE
[72] PRAMSTALLER, CHRISTOPH, DE
[72] HAMMELRATH, JOHANNES, DE
[71] PINTSCH BUBENZER GMBH, DE
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[54] **OUTIL DE COUPE PLAQUE**
[72] TAKAHASHI, KINYA, JP
[72] SATOH, HIROYUKI, JP
[71] TUNGALOY CORPORATION, JP
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[54] **A BACILLUS SUBTILIS STRAIN DEPOSITED UNDER DEPOSIT NUMBER CECT 8258 AND METHOD FOR PROTECTING OR TREATING PLANTS**
[54] **SOUCHE DE BACILLUS SUBTILIS DEPOSEE SOUS LE NUMERO DE DEPOT CECT 8258 ET PROCEDE DE PROTECTION OU DE TRAITEMENT DE PLANTES**
[72] FERNANDEZ MARTIN, FELIX, ES
[72] VICENTE SANCHEZ, JAVIER, ES
[72] BERNABE GARCIA, ANTONIO JOSE, ES
[72] TORRECILLAS SANCHEZ, ALEJANDRO, ES
[71] SYMBORG S.L., ES
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[54] **CHAIN COMPRISING POLYMERIC LINKS AND A SPACER**
[54] **CHAINE COMPRENANT DES MAILLONS POLYMERES ET UN ESPACEUR**
[72] WIENKE, DIETRICH, NL
[72] BOSMAN, RIGOBERT, NL
[72] MARISSEN, ROELOF, NL
[72] HOMMINGA, JOZEF SIEGFRIED JOHANNES, NL
[71] DSM IP ASSETS B.V., NL
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[54] **LABELLING MACHINE**
[54] **MACHINE A ETIQUETER**
[72] ALBENIZ GARCIA-FALCES, EDUARDO, ES
[72] LORENTE RODA, JOSU, ES
[71] ALBENIZ ETIQUETAJE INDUSTRIAL, S.L., ES
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[54] **CAISSON POUR BLOC MOTEUR D'UN SYSTEME DE COMMANDE DE PORTE DE GARAGE**
[72] GLANZ, MICHAEL, DE
[72] HAMACHER, MICHAEL, DE
[72] DEICKE, JONAS, DE
[72] THEILE, ULRICH, DE
[71] NOVOFERM TORMATIC GMBH, DE
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[54] **CARBON MONOXIDE POISONING RESOLVING DEVICE, JACKET FOR CARBON MONOXIDE POISONING TREATMENT HAVING SAID DEVICE, AND CATHETER FOR CARBON MONOXIDE POISONING TREATMENT**
[54] **DISPOSITIF DE RESOLUTION D'UN EMPOISONNEMENT AU MONOXYDE DE CARBONE, GAINE POUR TRAITEMENT D'UN EMPOISONNEMENT AU MONOXYDE DE CARBONE DOTEE DUDIT DISPOSITIF, ET CATHETER POUR TRAITEMENT D'UN EMPOISONNEMENT AU MONOXYDE DE CARBONE**
[72] KASHIMURA, TAKESHI, JP
[72] TAIRA, YASUHIKO, JP
[72] NIWAYAMA, MASATSUGU, JP
[71] ST. MARIANNA UNIVERSITY SCHOOL OF MEDICINE, JP
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[72] BARRE, BERTRAND, FR
[72] LEPAGE, FRANCIS, FR
[71] NEATFREAK GROUP INC., CA
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[54] **COMMUTATION CELL, POWER CONVERTER AND COMPENSATION CIRCUIT HAVING DYNAMICALLY CONTROLLED VOLTAGE GAINS**
[54] **CELLULE DE COMMUTATION, CONVERTISSEUR DE PUISSANCE ET CIRCUIT DE COMPENSATION AYANT DES GAINS DE TENSION A COMMANDE DYNAMIQUE**
[72] CYR, JEAN-MARC, CA
[72] PRONOVOST, CHRISTIAN, CA
[71] TM4 INC., CA
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[54] **COMPENSATION CIRCUIT, COMMUTATION CELL AND POWER CONVERTER CONTROLLING TURN-ON AND TURN-OFF OF A POWER ELECTRONIC SWITCH**
[54] **CIRCUIT DE COMPENSATION, CELLULE DE COMMUTATION ET CONVERTISSEUR DE PUISSANCE COMMANDANT L'ACTIVATION ET LA DESACTIVATION D'UN COMMUTATEUR ELECTRONIQUE DE PUISSANCE**
[72] AMAR, MOHAMMED, CA
[72] CYR, JEAN-MARC, CA
[72] EL YACOUBI, MAALAININE, CA
[72] FLEURY, PASCAL, CA
[71] TM4 INC., CA
[85] 2016-05-10
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[54] **CHITIN NANOCRYSTALS AND PROCESS FOR PREPARATION THEREOF**
[54] **NANOCRISTAUX DE CHITINE ET LEUR PROCEDE DE PREPARATION**
[72] LAM, EDMOND, CA
[72] LEUNG, CHI WOON, CA
[72] HRAPOVIC, SABAHUDIN, CA
[72] MALE, KEITH B., CA
[72] LUONG, JOHN H., CA
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[54] **AMORTISSEUR HYDRAULIQUE**
[72] LI, TIANWEI, CN
[72] LI, HANGYUE, CN
[71] LI, TIANWEI, CN
[71] LI, HANGYUE, CN
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[25] EN
[54] **CUP CONTAINER HAVING AN INTEGRATED SLEEVE**
[54] **CONTENANT A PRISE DOTE D'UN MANCHON INTEGRE**
[72] D'AMATO, GIANFRANCO, IT
[71] SEDA INTERNATIONAL PACKAGING GROUP SPA, IT
[85] 2016-05-10
[86] 2014-11-14 (PCT/IB2014/002436)
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[25] EN
[54] **A LIQUID FORMULATION OF A FUSION PROTEIN COMPRISING TNFR AND FC REGION**
[54] **FORMULATION LIQUIDE D'UNE PROTEINE DE FUSION COMPRENANT LE TNFR ET UNE REGION FC**
[72] LEE, JUNG TAE, KR
[72] KIM, IN HYUK, KR
[72] YU, JAE KEUN, KR
[72] YIM, JUNG YIM, KR
[72] JEONG, MYEONG HYEON, KR
[72] AHN, YONG HO, KR
[71] ARES TRADING S.A., CH
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[51] **Int.Cl. A61K 45/06 (2006.01) A61K 9/00 (2006.01) A61K 31/138 (2006.01) A61K 31/565 (2006.01) A61K 31/568 (2006.01) A61P 15/10 (2006.01) A61P 19/02 (2006.01) A61P 21/00 (2006.01) A61P 25/28 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **METHODS AND PHARMACEUTICAL FORMULATIONS FOR TREATMENT OF SELECTIVE ESTROGEN-RECEPTOR MODULATOR-INDUCED ADVERSE DRUG REACTIONS**
[54] **PROCEDES ET FORMULATIONS PHARMACEUTIQUES POUR LE TRAITEMENT DE REACTIONS INDESIRABLES AUX MEDICAMENTS INDUITES PAR □STROGENES DE CONFECTION**
[72] TUITEN, JAN JOHAN ADRIAAN, NL
[72] BOCKER, KONRAD BERNARDUS EVERARDUS, NL
[72] KOPPESCHAAR, HANS PETER FREDERIK, NL
[71] LIMOXIFEN B.V., NL
[85] 2016-05-10
[86] 2014-11-11 (PCT/NL2014/050777)
[87] (WO2015/069115)
[30] EP (13192325.2) 2013-11-11

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[51] **Int.Cl. E02D 17/20 (2006.01) E02D 5/80 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR STABILISING A DIKE**
[54] **METHODE ET APPAREIL DE STABILISATION DE DIGUE**
[72] KARSTEN, JOHANNES FRANCISCUS, NL
[71] J.F. KARSTEN BEHEER B.V., NL
[85] 2016-05-10
[86] 2014-11-11 (PCT/NL2014/050778)
[87] (WO2015/072850)
[30] NL (2011788) 2013-11-12

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[13] A1
[51] **Int.Cl. A61K 8/22 (2006.01) A61K 8/44 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL COMPOSITION FOR TOOTH WHITENING PRODUCT, AND KIT COMPRISING THE SAME**
[54] **COMPOSITION ORALE POUR PRODUIT DE BLANCHIMENT DES DENTS, ET KIT LE COMPRENANT**
[72] KIM, JONG-HOON, KR
[72] AHN, JAE-HYUN, KR
[72] KIM, JI-HYE, KR
[72] LEE, IN-HO, KR
[71] LG HOUSEHOLD & HEALTH CARE LTD., KR
[85] 2016-05-10
[86] 2014-11-19 (PCT/KR2014/011135)
[87] (WO2015/076559)
[30] KR (10-2013-0141505) 2013-11-20
[30] KR (10-2014-0035266) 2014-03-26

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[51] **Int.Cl. A61K 31/45 (2006.01) A61K 31/454 (2006.01) A61K 47/00 (2006.01) A61P 1/00 (2006.01) A61P 11/00 (2006.01) A61P 37/08 (2006.01) C07D 211/88 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING GLUTARIMIDE DERIVATIVES AND USE THEROF IN THE TREATMENT OF EOSINOPHILIC DISEASES**
[54] **COMPOSITION PHARMACEUTIQUE RENFERMANT DES DERIVES DE GLUTARIMIDE ET SON UTILISATION DANS LE TRAITEMENT DE MALADIES EOSINOPHILIQUES**
[72] NEBOLSIN, VLADIMIR EVGENIEVICH, RU
[72] KROMOVA, TATYANA ALEXANDROVNA, RU
[72] RYDLOVSKAYA, ANASTASIA VLADIMIROVNA, RU
[72] CHUCHALIN, ALEXANDER GRIGORIEVICH, RU
[71] OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTIYU "PHARMENTERPRISES", RU
[85] 2016-05-10
[86] 2014-11-12 (PCT/RU2014/000855)
[87] (WO2015/072893)
[30] RU (2013150861) 2013-11-14

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[13] A1
[51] **Int.Cl. E03B 1/04 (2006.01) A47K 3/28 (2006.01) E03C 1/00 (2006.01)**
[25] EN
[54] **A WATER HYBRID DEVICE**
[54] **DISPOSITIF HYBRIDE POUR EAU**
[72] SPARRE, ERIK, SE
[72] NYBOM, GORAN, SE
[71] ORBITAL SYSTEMS AB, SE
[85] 2016-05-10
[86] 2014-12-18 (PCT/SE2014/051536)
[87] (WO2015/094107)
[30] SE (1351573-9) 2013-12-20

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[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/17 (2006.01)**
[25] EN
[54] **OPTIMIZING FLOW CONTROL DEVICE PROPERTIES ON A PRODUCER WELL IN COUPLED INJECTOR-PRODUCER LIQUID FLOODING SYSTEMS**
[54] **OPTIMISATION DE PROPRIETES DE DISPOSITIF DE REGULATION DU DEBIT SUR UN PUITS DE PRODUCTION DANS DES SYSTEMES DE NOYAGE DE PUITS D'INJECTION ET DE PRODUCTION COUPLES**
[72] FILIPPOV, ANDREY, US
[72] KHORIAKOV, VITALY, CA
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-05-10
[86] 2013-11-15 (PCT/US2013/070401)
[87] (WO2015/073032)

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[51] **Int.Cl. E03B 1/04 (2006.01) A47K 3/28 (2006.01) E03C 1/00 (2006.01)**
[25] EN
[54] **REGULATION METHOD FOR WATER HYBRID DEVICES INVOLVING PURIFICATION, CIRCULATION AND/OR SEPARATION**
[54] **PROCEDE DE REGULATION POUR DISPOSITIFS HYBRIDES A EAU ENTRAINANT UNE PURIFICATION, UNE CIRCULATION ET/OU UNE SEPARATION**
[72] SPARRE, ERIK, SE
[72] MAHDJOUBI NAMIN, AMIR MEHRDAD, SE
[71] ORBITAL SYSTEMS AB, SE
[85] 2016-05-10
[86] 2014-12-19 (PCT/SE2014/051539)
[87] (WO2015/094109)
[30] SE (1351572-1) 2013-12-20

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[51] **Int.Cl. E21B 43/18 (2006.01) E21B 43/12 (2006.01) E21B 43/20 (2006.01)**
[25] EN
[54] **OPTIMIZING FLOW CONTROL DEVICE PROPERTIES ON BOTH PRODUCER AND INJECTOR WELLS IN COUPLED INJECTOR-PRODUCER LIQUID FLOODING SYSTEMS**
[54] **OPTIMISATION DES PROPRIETES D'UN DISPOSITIF DE CONTROLE D'ECOULEMENT A LA FOIS SUR DES PUITS DE PRODUCTION ET DES PUITS D'INJECTION DANS DES SYSTEMES D'INJECTION DE LIQUIDE INJECTEUR-PRODUCTEUR COUPLES**
[72] FILIPPOV, ANDREY, US
[72] KHORIAKOV, VITALY, CA
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-05-10
[86] 2013-11-15 (PCT/US2013/070406)
[87] (WO2015/073034)

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **SOCIAL MEDIA PLATFORM**
[54] **PLATEFORME DE MEDIA SOCIAL**
[72] CHAKRADHAR, ANURAG, AU
[71] BLRT PTY LTD, AU
[85] 2016-05-11
[86] 2014-11-12 (PCT/AU2014/050347)
[87] (WO2015/070286)
[30] AU (2013904364) 2013-11-12
[30] AU (2014901882) 2014-05-21

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[13] A1
[51] **Int.Cl. G06K 9/46 (2006.01) G06Q 30/02 (2012.01) G06K 9/62 (2006.01) G06T 3/60 (2006.01) G06T 5/00 (2006.01)**
[25] EN
[54] **FACE DETECTION AND RECOGNITION**
[54] **DETECTION ET RECONNAISSANCE FACIALE**
[72] MAN RO, YONG, KR
[72] WAUGH, DONALD CRAIG, CA
[72] GANONG, RAY, CA
[72] PLATANIOTIS, KONSTANTINOS, CA
[72] STUDHOLME, CHRIS, CA
[71] APPLIED RECOGNITION INC., CA
[85] 2016-05-11
[86] 2014-11-12 (PCT/CA2014/000802)
[87] (WO2015/070320)
[30] US (14/078,071) 2013-11-12

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[51] **Int.Cl. A61M 25/02 (2006.01)**
[25] EN
[54] **CATHETER CONNECTOR SECUREMENT DEVICE**
[54] **DISPOSITIF DE FIXATION DE RACCORD DE CATHETER**
[72] KHALAJ, STEVE SAEED, US
[71] AVENT, INC., US
[85] 2016-05-11
[86] 2014-09-26 (PCT/IB2014/064866)
[87] (WO2015/079332)
[30] US (14/089,870) 2013-11-26

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[13] A1
[51] **Int.Cl. A61M 25/02 (2006.01)**
[25] EN
[54] **CATHETER STRAIN RELIEF CLIP**
[54] **CLIP DE LIBERATION DE CONTRAINTE DE CATHETER**
[72] KHALAJ, STEVE SAEED, US
[71] AVENT, INC., US
[85] 2016-05-11
[86] 2014-09-26 (PCT/IB2014/064868)
[87] (WO2015/079333)
[30] US (14/089,957) 2013-11-26

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[51] **Int.Cl. F28F 25/04 (2006.01)**
[25] EN
[54] **WATER COLLECTION TROUGH ASSEMBLY**
[54] **ENSEMBLE AUGET DE COLLECTE D'EAU**
[72] KROGER, DETLEV G. (DECEASED), ZZ
[72] REUTER, HANNO CARL RUDOLF, ZA
[71] STELLENBOSCH UNIVERSITY, ZA
[85] 2016-05-11
[86] 2014-11-11 (PCT/IB2014/065949)
[87] (WO2015/071822)
[30] ZA (2013/08443) 2013-11-12

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[13] A1
[51] **Int.Cl. B29C 35/08 (2006.01) B29C 35/02 (2006.01)**
[25] EN
[54] **RADIANT CURING SYSTEM AND METHOD FOR COMPOSITE MATERIALS**
[54] **SYSTEME ET PROCEDE DE DURCISSEMENT PAR RAYONNEMENT DE MATERIAUX COMPOSITES**
[72] TRUDEAU, PAUL, CA
[72] RIFAY, MOUHCINE, CA
[72] SALEK, HASAN, CA
[71] BOMBARDIER INC., CA
[85] 2016-05-11
[86] 2014-11-12 (PCT/IB2014/065998)
[87] (WO2015/071844)
[30] US (61/903,153) 2013-11-12

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[13] A1
[51] **Int.Cl. A61K 31/4439 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **DOSAGE REGIMEN FOR AN ALPHA-ISOFORM SELECTIVE PHOSPHATIDYLINOSITOL 3-KINASE INHIBITOR**
[54] **SCHEMA POSOLOGIQUE D'UN INHIBITEUR DE LA PHOSPHATIDYLINOSITOL 3-KINASE SELECTIF DE L'ISOFORME ALPHA**
[72] DI TOMASO, EMMANUELLE, US
[72] GERMA, MARIE-CAROLINE, FR
[72] MASSACESI, CRISTIAN, FR
[72] FRITSCH, CHRISTINE, CH
[72] SCHNELL, CHRISTIAN RENE, CH
[72] TAVORATH, RANJANA, US
[71] NOVARTIS AG, CH
[85] 2016-05-11
[86] 2014-12-03 (PCT/IB2014/066558)
[87] (WO2015/083101)
[30] EP (13306679.5) 2013-12-06

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[51] **Int.Cl. B29C 55/14 (2006.01) C08J 5/18 (2006.01)**
[25] EN
[54] **BIAXIALLY STRETCHED POLYESTER FILM AND METHOD FOR PRODUCING SAME**
[54] **FILM DE POLYESTER ETIRE BIAXIALEMENT ET SON PROCEDE DE FABRICATION**
[72] GOTO, TAKAMICHI, JP
[72] NAKAYA, TADASHI, JP
[72] IKEHATA, YOSHITOMO, JP
[71] TOYOBO CO., LTD., JP
[85] 2016-05-11
[86] 2014-05-14 (PCT/JP2014/062839)
[87] (WO2015/072163)
[30] JP (2013-235370) 2013-11-13
[30] JP (2013-235371) 2013-11-13

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[13] A1
[51] **Int.Cl. H01M 8/04 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM**
[54] **DISPOSITIF DE PILE A COMBUSTIBLE**
[72] IKEDA, NOBUHISA, JP
[72] CHIKUGO, HAYATO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2016-05-11
[86] 2014-09-25 (PCT/JP2014/075490)
[87] (WO2015/072229)
[30] JP (2013-236291) 2013-11-14

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[13] A1
[51] **Int.Cl. C09K 8/508 (2006.01) E21B 33/10 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **TEMPORARY PLUGGING AGENT FOR WELL DRILLING**
[54] **AGENT DE BLOCAGE TEMPORAIRE POUR FORAGE DE PUITS**
[72] TAKAHASHI, TAKEO, JP
[72] OKURA, MASAYUKI, JP
[72] TAKAHASHI, SHINYA, JP
[72] KOBAYASHI, TAKUMA, JP
[72] KOBAYASHI, FUMINORI, JP
[72] SATO, HIROYUKI, JP
[71] KUREHA CORPORATION, JP
[85] 2016-05-11
[86] 2014-10-27 (PCT/JP2014/078518)
[87] (WO2015/072317)
[30] JP (2013-237452) 2013-11-15
[30] JP (2014-173812) 2014-08-28

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[13] A1
[51] **Int.Cl. B23K 35/30 (2006.01) C22C 38/04 (2006.01) C22C 38/18 (2006.01)**
[25] EN
[54] **WELDING JOINT HAVING REMARKABLE IMPACT RESISTANCE AND ABRASION RESISTANCE**
[54] **JOINT SOUDE PRESENTANT UNE RESISTANCE AUX CHOCS ET UNE RESISTANCE A L'ABRASION REMARQUABLES**
[72] LEE, BONG-KEUN, KR
[72] HAN, IL-WOOK, KR
[72] LEE, SANG-CHUL, KR
[72] KIM, JEONG-KIL, KR
[72] LEE, DONG-RYEOL, KR
[72] KIM, GEUG, KR
[71] POSCO, KR
[85] 2016-05-11
[86] 2014-10-02 (PCT/KR2014/009314)
[87] (WO2015/083931)
[30] KR (10-2013-0151813) 2013-12-06

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[13] A1
[51] **Int.Cl. F23R 3/34 (2006.01) F02C 7/228 (2006.01) F02C 7/232 (2006.01) F02C 9/34 (2006.01) F02M 41/04 (2006.01) F23D 11/00 (2006.01) F23K 5/06 (2006.01)**
[25] FR
[54] **MULTI-POINT INJECTION DEVICE FOR AN AIRCRAFT ENGINE**
[54] **DISPOSITIF D'INJECTION MULTIPOINT POUR MOTEUR D'AERONEF**
[72] CHALAUD, SEBASTIEN, FR
[71] SNECMA, FR
[85] 2016-05-11
[86] 2014-11-20 (PCT/FR2014/052980)
[87] (WO2015/075389)
[30] FR (1361428) 2013-11-20

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[13] A1
[51] **Int.Cl. B32B 17/10 (2006.01) G10K 11/168 (2006.01) C03C 27/12 (2006.01) G10K 11/16 (2006.01)**
[25] FR
[54] **LAMINATED GLASS PANEL INTENDED TO BE USED AS THE SCREEN OF A HEAD-UP DISPLAY SYSTEM**
[54] **VITRAGE FEUILLETE DESTINE A ETRE UTILISE COMME ECRAN DE SYSTEME DE VISUALISATION TETE HAUTE**
[72] PAYEN, CORINNE, FR
[72] FOURNIER, DAVID, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2016-05-10
[86] 2014-11-25 (PCT/FR2014/053026)
[87] (WO2015/079158)
[30] FR (1361723) 2013-11-27

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[13] A1
[51] **Int.Cl. C12N 9/42 (2006.01) C12N 15/56 (2006.01)**
[25] FR
[54] **ENDOGLUCANASE VARIANTS HAVING IMPROVED ACTIVITY, AND USES OF SAME**
[54] **VARIANTS D'ENDOGLUCANASES A ACTIVITE AMELIOREE ET LEURS UTILISATIONS**
[72] MARGEOT, ANTOINE, FR
[72] BENOIT, YVES, FR
[72] PERSILLON, CECILE, FR
[72] AYRINHAC, CELINE, FR
[72] ULLMANN, CHRISTOPHE, FR
[72] BONZOM, OLIVIER, FR
[72] FORT, SEBASTIEN, FR
[72] ARMAND, SYLVIE, FR
[72] PETIT, MAUD, FR
[72] LENON, MARINE, FR
[71] IFP ENERGIES NOUVELLES, FR
[71] PROTEUS, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
[85] 2016-05-11
[86] 2014-11-21 (PCT/FR2014/052984)
[87] (WO2015/075391)
[30] FR (13 61509) 2013-11-22

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[13] A1
[51] **Int.Cl. C12N 9/42 (2006.01) D21C 5/00 (2006.01)**
[25] FR
[54] **ENDOGLUCANASE VARIANTS HAVING IMPROVED ACTIVITY, AND USES OF SAME**
[54] **VARIANTS D'ENDOGLUCANASES A ACTIVITE AMELIOREE ET LEURS UTILISATIONS**
[72] MARGEOT, ANTOINE, FR
[72] BLANQUET, SENTA, FR
[72] PERSILLON, CECILE, FR
[72] AYRINHAC, CELINE, FR
[72] ULLMANN, CHRISTOPHE, FR
[72] BONZOM, OLIVIER, FR
[72] FORT, SEBASTIEN, FR
[72] ARMAND, SYLVIE, FR
[72] LENON, MARINE, FR
[72] PETIT, MAUD, FR
[71] IFP ENERGIES NOUVELLES, FR
[71] PROTEUS, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
[85] 2016-05-11
[86] 2014-11-21 (PCT/FR2014/052985)
[87] (WO2015/075392)
[30] FR (13 61511) 2013-11-22

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[13] A1
[51] **Int.Cl. B29C 73/04 (2006.01) B29C 73/06 (2006.01) B29C 67/00 (2006.01)**
[25] FR
[54] **METHOD FOR REPAIRING SANDWICH PANELS MADE OF COMPOSITE MATERIALS INVOLVING THE CREATION OF A CORE OR OF A MOULD USING STEREOLITHOGRAPHY**
[54] **PROCEDE DE REPARATION DE PANNEAUX SANDWICH EN MATERIAUX COMPOSITES COMPORTANT LA REALISATION D'UNE AME OU D'UN MOULE PAR STEREOLITHOGRAPHIE**
[72] DELEHOUZE, ARNAUD, FR
[72] MUCHERIE, JEAN-PHILIPPE, FR
[71] AIRCELLE, FR
[85] 2016-05-11
[86] 2014-11-21 (PCT/FR2014/052994)
[87] (WO2015/079146)
[30] FR (13/61761) 2013-11-28

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[13] A1
[51] **Int.Cl. F03D 7/04 (2006.01) F03D 1/06 (2006.01)**
[25] FR
[54] **WIRELESS TRANSMISSION BETWEEN A MOVABLE PORTION AND A STATIONARY PORTION IN A WINDMILL NACELLE**
[54] **TRANSMISSION SANS FIL ENTRE UNE PARTIE MOBILE ET UNE PARTIE FIXE DANS UNE NACELLE D'EOLIENNE**
[72] ASTIER, REMY, FR
[72] DUBOIS, JEROME, FR
[72] CAPITAINE, THIERRY, FR
[72] LORTHOIS, AURELIEN, FR
[72] BOURNY, VALERY, FR
[72] DA ROS, VERONIQUE, FR
[71] UNIVERSITE DE PICARDIE JULES VERNE, FR
[71] MERSEN FRANCE AMIENS SAS, FR
[85] 2016-05-11
[86] 2014-11-27 (PCT/FR2014/053064)
[87] (WO2015/079176)
[30] FR (1361673) 2013-11-27

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[13] A1
[51] **Int.Cl. E06B 3/677 (2006.01)**
[25] EN
[54] **ADD-ON WINDOW INSULATION SYSTEM**
[54] **SYSTEME D'ISOLATION DE FENETRE SUPPLEMENTAIRE**
[72] CARTER, PHILIP JOHN, NZ
[71] CARTER, PHILIP JOHN, NZ
[85] 2016-05-11
[86] 2013-11-08 (PCT/NZ2013/000200)
[87] (WO2014/073988)
[30] NZ (603552) 2012-11-12

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[13] A1
[51] **Int.Cl. B24B 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR AUTOMATIC SHARPENING OF A BLADE**
[54] **PROCEDE POUR L'AIGUISAGE AUTOMATIQUE D'UNE LAME**
[72] ERIKSSON, MAGNUS, SE
[71] PROSHARP INC., US
[71] ERIKSSON, MAGNUS, SE
[85] 2016-05-11
[86] 2014-11-11 (PCT/US2014/065086)
[87] (WO2015/077091)
[30] US (61/905,981) 2013-11-19

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[51] **Int.Cl. F16K 11/074 (2006.01) F16K 11/12 (2006.01) F24D 19/10 (2006.01) F24H 9/12 (2006.01)**
[25] EN
[54] **A VALVE FOR AN INDOOR TEMPERATURE REGULATING SYSTEM AND AN AIR TEMPERATURE CONDITIONING UNIT COMPRISING SUCH VALVE**
[54] **VANNE POUR SYSTEME DE REGULATION DE TEMPERATURE INTERIEURE ET UNITE DE CONDITIONNEMENT DE TEMPERATURE D'AIR COMPRENANT LADITE VANNE**
[72] LARSSON, PER-AKE, SE
[72] LONKVIST, TORBJOM, SE
[71] ESBE AB, SE
[85] 2016-05-11
[86] 2014-11-19 (PCT/SE2014/051382)
[87] (WO2015/076740)
[30] SE (1330150-2) 2013-11-25
[30] SE (1430118-8) 2014-09-03

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[13] A1
[51] **Int.Cl. B24B 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR AUTOMATIC SHARPENING OF A BLADE**
[54] **PROCEDE PERMETTANT UN AFFUTAGE AUTOMATIQUE D'UNE LAME**
[72] ERIKSSON, MAGNUS, SE
[71] PROSHARP INC., US
[71] ERIKSSON, MAGNUS, SE
[85] 2016-05-11
[86] 2014-11-12 (PCT/US2014/065135)
[87] (WO2015/077092)
[30] US (61/905,981) 2013-11-19

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[13] A1
[51] **Int.Cl. G06F 12/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ROUTING INFORMATION IN A NON-VOLATILE MEMORY-BASED STORAGE DEVICE**
[54] **APPAREIL ET PROCEDE DE ROUTAGE D'INFORMATIONS DANS UN DISPOSITIF DE MEMORISATION BASE SUR UNE MEMOIRE NON VOLATILE**
[72] DANILAK, RADOSLAV, US
[72] RADKE, WILLIAM, US
[71] SKYERA, LLC, US
[85] 2016-05-11
[86] 2014-11-12 (PCT/US2014/065162)
[87] (WO2015/073503)
[30] US (14/078,302) 2013-11-12
[30] US (14/078,308) 2013-11-12

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[13] A1
[51] **Int.Cl. H04M 3/42 (2006.01) H04M 3/51 (2006.01) H04M 3/523 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COMMUNICATION ROUTING**
[54] **SYSTEME ET PROCEDE DE ROUTAGE DE COMMUNICATIONS**
[72] BROWN, DONALD E., US
[72] BUIS, JEROEN, NL
[72] GAGLE, MICHAEL D., US
[72] HYNES, RONALD T., JR., US
[72] SWARTZ, JEFFREY H., US
[71] INTERACTIVE INTELLIGENCE, INC., US
[85] 2016-05-11
[86] 2013-11-18 (PCT/US2013/070559)
[87] (WO2015/073044)

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[13] A1
[51] **Int.Cl. D06M 15/263 (2006.01)**
[25] EN
[54] **WATER REPELLENT, SOIL RESISTANT, FLUORINE-FREE COMPOSITIONS**
[54] **COMPOSITIONS HYDROFUGES, NON SALISSANTES ET NON FLUOREES**
[72] BAUMANN, MARKUS, DE
[71] INVISTA TECHNOLOGIES S.A.R.L., CH
[85] 2016-05-11
[86] 2014-11-12 (PCT/US2014/065211)
[87] (WO2015/073532)
[30] EP (13192548.9) 2013-11-12

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[13] A1
[51] **Int.Cl. E21B 44/02 (2006.01) E21B 45/00 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **CONTROLLING WELLBORE OPERATIONS**
[54] **COMMANDE D'OPERATIONS DE PUITS DE FORAGE**
[72] DYKSTRA, JASON D., US
[72] SUN, ZHIJIE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-11
[86] 2013-12-06 (PCT/US2013/073661)
[87] (WO2015/084401)

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[13] A1
[51] **Int.Cl. H01L 51/00 (2006.01) H01L 51/42 (2006.01)**
[25] EN
[54] **PHOTOVOLTAIC SYSTEMS AND SPRAY COATING PROCESSES FOR PRODUCING PHOTOVOLTAIC SYSTEMS**
[54] **SYSTEMES PHOTOVOLTAIQUES ET PROCEDES DE REVETEMENT PAR PULVERISATION POUR PRODUIRE DES SYSTEMES PHOTOVOLTAIQUES**
[72] CARDONE, GIORGIO, IT
[72] CAGLIANI, MICHELA, IT
[72] BALLARINO, MAURIZIO, IT
[72] BRUNETTI, FRANCESCA, IT
[72] POLINO, GIUSEPPINA, IT
[72] DI CARLO, ALDO, IT
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2016-05-11
[86] 2014-11-12 (PCT/US2014/065227)
[87] (WO2015/073542)
[30] US (61/902,836) 2013-11-12

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **CONTROLLING A BOTTOM HOLE ASSEMBLY IN A WELLBORE**
[54] **COMMANDE D'UN ENSEMBLE EN FOND DE TROU DANS UN PUITS DE FORAGE**
[72] DYKSTRA, JASON D., US
[72] SUN, ZHIJIE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-11
[86] 2013-12-06 (PCT/US2013/073673)
[87] (WO2015/084403)

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[13] A1
[51] **Int.Cl. A61K 49/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR ASSESSING GUT FUNCTION**
[54] **COMPOSITIONS ET METHODES D'EVALUATION DE FONCTION INTESTINALE**
[72] DORSHOW, RICHARD B., US
[72] HANLEY, STEVEN J., US
[72] TARR, PHILLIP I., US
[71] DORSHOW, RICHARD B., US
[71] HANLEY, STEVEN J., US
[71] TARR, PHILLIP I., US
[85] 2016-05-11
[86] 2014-11-12 (PCT/US2014/065233)
[87] (WO2015/070256)
[30] US (61/902,637) 2013-11-11

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[13] A1
[51] **Int.Cl. A62D 3/30 (2007.01) C05C 1/02 (2006.01) C05G 3/00 (2006.01)**
[25] EN
[54] **FERTILIZER COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME**
[54] **COMPOSITIONS D'ENGRAIS ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELLES-CI**
[72] WEAVER, MARK L., US
[72] CRUM, KYLE A., US
[72] NICHOLS, JUDODINE, US
[72] IWIG, DAVID F., US
[72] ORKIS, STEVEN C., US
[72] CARKIN, GERALD E., US
[72] GENCAGA, ORHAN DENIZ, US
[72] SUNDAY, STEPHEN P., US
[72] HARRISON, IAN ROSS, AU
[72] SMITH, JOHN R., US
[72] PARKS, SHANNON L., US
[72] GERSHENZON, MIKHAIL, US
[71] ALCOA INC., US
[85] 2016-05-11
[86] 2014-11-12 (PCT/US2014/065270)
[87] (WO2015/073561)
[30] US (61/903,293) 2013-11-12
[30] US (61/909,625) 2013-11-27

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/557 (2006.01) A61K 31/5575 (2006.01)**
[25] EN
[54] **OCULAR IMPLANTS CONFIGURED TO STORE AND RELEASE STABLE DRUG FORMULATIONS**
[54] **IMPLANTS OCULAIRES CONCUS POUR STOCKER ET LIBERER DES FORMULATIONS DE MEDICAMENTS STABLES**
[72] HEITZMANN, HAROLD A., US
[72] CURRY, KENNETH M., US
[72] HAFFNER, DAVID S., US
[71] GLAUKOS CORPORATION, US
[85] 2016-05-11
[86] 2014-11-12 (PCT/US2014/065283)
[87] (WO2015/073571)
[30] US (61/904,969) 2013-11-15

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[13] A1
[51] **Int.Cl. C03C 17/36 (2006.01) C03B 27/00 (2006.01) C03C 17/34 (2006.01)**
[25] EN
[54] **HEAT TREATABLE COATED ARTICLE WITH LOW-E COATING HAVING ZINC STANNATE BASED LAYER BETWEEN IR REFLECTING LAYERS AND CORRESPONDING METHOD**
[54] **ARTICLE POUVANT ETRE TRAITE THERMIQUEMENT RECOUVERT D'UN REVETEMENT A FAIBLE EMISSIVITE (LOW-E) COMPORTANT UNE COUCHE A BASE DE STANNATE DE ZINC ENTRE DES COUCHES REFLECHISSANT L'INFRAROUGE ET PROCEDE CORRESPONDANT**
[72] PALLOTTA, PIERRE, FR
[72] FERREIRA, JOSE, LU
[72] LAGE, HERBERT, LU
[72] FRANK, MARCUS, DE
[71] CENTRE LUXEMBOURGEOIS DE RECHERCHES POUR LE VERRE ET LA CERAMIQUE (C.R.V.C.) SARL, LU
[85] 2016-05-12
[86] 2014-11-10 (PCT/US2014/064733)
[87] (WO2015/077064)
[30] US (14/084,895) 2013-11-20

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/165 (2006.01)**
[25] EN
[54] **AQUEOUS BASED CAPSAICINOID FORMULATIONS AND METHODS OF MANUFACTURE AND USE**
[54] **FORMULATIONS DE CAPSAICINOIDE A BASE AQUEUSE ET PROCEDES DE FABRICATION ET D'UTILISATION**
[72] BIRBARA, CHARLES A., US
[72] BIRBARA, PHILIP J., US
[72] BUCKS, DANIEL, US
[72] COUGHLIN, MARY, US
[71] VIZURI HEALTH SCIENCES LLC, US
[85] 2016-05-11
[86] 2014-11-12 (PCT/US2014/065290)
[87] (WO2015/073577)
[30] US (14/078,253) 2013-11-12
[30] US (14/253,660) 2014-04-15

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[13] A1
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/168 (2006.01)**
[25] EN
[54] **PUMP CHAMBER INCLUDING INTERNAL SURFACE MODIFICATIONS**
[54] **CHAMBRE DE POMPE COMPRENANT DES MODIFICATIONS DE SURFACE INTERNE**
[72] AMBROSINA, JESSE E., US
[72] POWERS, BENJAMIN G., US
[72] SEGIT, ALEXANDER J., US
[72] NAZZARO, DAVID I., US
[71] IVENIX, INC., US
[85] 2016-05-11
[86] 2014-11-13 (PCT/US2014/065337)
[87] (WO2015/073599)
[30] US (61/904,814) 2013-11-15

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[13] A1
[51] **Int.Cl. E21B 44/02 (2006.01) E21B 47/00 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **CONTROLLING WELLBORE DRILLING SYSTEMS**
[54] **COMMANDE DE SYSTEMES DE FORAGE DE PUITS DE FORAGE**
[72] XUE, YUZHEN, US
[72] DYKSTRA, JASON D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-11
[86] 2013-12-06 (PCT/US2013/073682)
[87] (WO2015/084405)

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[13] A1
[51] **Int.Cl. B23K 9/095 (2006.01) B23K 9/10 (2006.01) B23K 9/12 (2006.01)**
[25] EN
[54] **FEEDBACK FROM A WELDING TORCH OF A WELDING SYSTEM**
[54] **RETROACTION D'UN CHALUMEAU DE SOUDAGE D'UN SYSTEME DE SOUDAGE**
[72] BECKER, WILLIAM J., US
[72] WALKER, JAMES M., US
[72] ERDMANN, JEREMY J., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2016-05-11
[86] 2014-11-13 (PCT/US2014/065498)
[87] (WO2015/105579)
[30] US (14/149,331) 2014-01-07

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[13] A1
[51] **Int.Cl. E21B 47/092 (2012.01) E21B 47/10 (2012.01) E21B 47/18 (2012.01)**
[25] EN
[54] **RANGING USING CURRENT PROFILING**
[54] **MESURE DE DISTANCE FAISANT INTERVENIR L'ETABLISSEMENT DE PROFILS DE COURANT**
[72] DONDERICI, BURKAY, US
[72] WU, HSU-HSIANG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-11
[86] 2013-12-30 (PCT/US2013/078309)
[87] (WO2015/102578)

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[13] A1
[51] **Int.Cl. G09B 19/24 (2006.01)**
[25] EN
[54] **WELDING SOFTWARE FOR DETECTION AND CONTROL OF DEVICES AND FOR ANALYSIS OF DATA**
[54] **LOGICIEL DE SOUDAGE POUR LA DETECTION ET LA COMMANDE DE DISPOSITIFS ET POUR L'ANALYSE DE DONNEES**
[72] BECKER, WILLIAM J., US
[72] WALKER, JAMES M., US
[72] ERDMANN, JEREMY J., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2016-05-11
[86] 2014-11-13 (PCT/US2014/065503)
[87] (WO2015/105580)
[30] US (14/149,325) 2014-01-07

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[13] A1
[51] **Int.Cl. C12N 15/79 (2006.01) C12N 9/00 (2006.01) C12N 9/08 (2006.01) C12N 15/83 (2006.01)**
[25] EN
[54] **TERMITE SUPEROXIDE DISMUTASES AND GLUTATHIONE PEROXIDASES FOR BIOMASS CONVERSION**
[54] **SUPEROXYDE DISMUTASES ET GLUTATHION PEROXYDASES POUR TERMITES POUR LA CONVERSION DE LA BIOMASSE**
[72] SCHARF, MICHAEL E., US
[72] SETHI, AMIT, US
[71] PURDUE RESEARCH FOUNDATION, US
[85] 2016-05-11
[86] 2014-11-12 (PCT/US2014/000209)
[87] (WO2015/069308)
[30] US (61/902,472) 2013-11-11

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[13] A1
[51] **Int.Cl. B29C 67/00 (2006.01) B33Y 30/00 (2015.01) B33Y 50/00 (2015.01)**
[25] EN
[54] **COLOR OR MULTI-MATERIAL THREE-DIMENSIONAL (3D) PRINTING**
[54] **IMPRESSION TRIDIMENSIONNELLE (3D) EN COULEURS OU MULTI-MATERIAUX**
[72] CHANG, KAI-JUI, US
[71] CHANG, KAI-JUI, US
[85] 2016-05-11
[86] 2014-11-06 (PCT/US2014/064393)
[87] (WO2015/073301)
[30] US (61/962,869) 2013-11-18
[30] US (62/041,105) 2014-08-24
[30] US (14/534,998) 2014-11-06

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[13] A1
[51] **Int.Cl. A61M 39/22 (2006.01)**
[25] EN
[54] **VALVE WITH POSITIVE AND NEGATIVE STATUS INDICATOR**
[54] **SOUPAPE A INDICATEUR DE STATUT POSITIF ET NEGATIF**
[72] DUNCAN, DAVID R., US
[71] DUNCAN, DAVID R., US
[85] 2016-05-11
[86] 2014-11-12 (PCT/US2014/000210)
[87] (WO2015/073052)
[30] US (61/904,080) 2013-11-14

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[13] A1
[51] **Int.Cl. A61B 3/16 (2006.01) A61F 9/007 (2006.01)**
[25] EN
[54] **PRESSURE-SENSING VITRECTOMY SURGICAL SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES CHIRURGICAUX DE VITRECTOMIE A DETECTION DE PRESSION**
[72] HEEREN, TAMMO, US
[71] NOVARTIS AG, CH
[85] 2016-05-11
[86] 2014-11-06 (PCT/US2014/064423)
[87] (WO2015/080851)
[30] US (14/090,360) 2013-11-26

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[13] A1
[51] **Int.Cl. A47C 7/62 (2006.01) A47C 4/02 (2006.01) A47C 4/03 (2006.01) A47C 5/12 (2006.01) A47C 11/00 (2006.01) A47C 17/86 (2006.01)**
[25] EN
[54] **BLOW MOLDED RESIN FURNITURE HAVING A STABILIZING BOX STRUCTURE**
[54] **MOBILIER EN RESINE MOULE PAR SOUFFLAGE PRESENTANT UNE STRUCTURE DE BOITIER STABILISATRICE**
[72] THUMA, MICHAEL, US
[72] ANDERSON, TORRENCE, US
[72] VOGLER, MICHAEL R., US
[71] SUNCAST TECHNOLOGIES, LLC, US
[85] 2016-05-11
[86] 2014-08-29 (PCT/US2014/053555)
[87] (WO2015/069370)
[30] US (61/902,634) 2013-11-11

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[13] A1
[51] **Int.Cl. B07B 7/083 (2006.01)**
[25] EN
[54] **CENTRIPETAL SEPARATION SYSTEM FOR CLEANING PARTICULATE-PERVADED AIR OR GAS**
[54] **SYSTEME DE SEPARATION CENTRIPETE POUR LA PURIFICATION DE L'AIR OU D'UN GAZ CHARGE EN PARTICULES**
[72] ROSTON, EDWARD, US
[72] LYNCH, ANDREW, US
[72] WETJEN, JOHNATHAN, US
[71] ANDOVER PROTECTION SYSTEMS, LLC, US
[85] 2016-05-11
[86] 2014-11-07 (PCT/US2014/064660)
[87] (WO2015/070081)
[30] US (14/077,196) 2013-11-11

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[13] A1
[51] **Int.Cl. H04N 7/20 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR MANAGING AND ANALYZING MULTIMEDIA INFORMATION**
[54] **SYSTEME ET PROCEDE DE GESTION ET D'ANALYSE D'INFORMATIONS MULTIMEDIA**
[72] BARTON, JASON, US
[72] GASTOR, JON, US
[71] KSI DATA SCIENCES, INC., US
[85] 2016-05-11
[86] 2014-11-14 (PCT/US2014/065711)
[87] (WO2015/073827)
[30] US (61/904,283) 2013-11-14
[30] US (62/057,007) 2014-09-29

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[13] A1
[51] **Int.Cl. A61K 31/473 (2006.01) A61K 9/20 (2006.01) A61K 9/26 (2006.01) A61K 31/00 (2006.01) A61K 31/485 (2006.01) A61K 47/00 (2006.01) A61K 47/30 (2006.01) A61P 25/16 (2006.01)**
[25] EN
[54] **RAPIDLY DISINTEGRATING FORMULATIONS AND METHODS OF USE**
[54] **FORMULATIONS A DESINTEGRATION RAPIDE ET LEURS METHODES D'UTILISATION**
[72] CHIN, SHOOK-FONG, US
[72] DONG, LIANG, US
[72] GUPTA, SUNEEL, US
[71] IMPAX LABORATORIES, INC., US
[85] 2016-05-11
[86] 2014-11-10 (PCT/US2014/064833)
[87] (WO2015/070156)
[30] US (61/902,589) 2013-11-11

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[13] A1
[51] **Int.Cl. H04N 1/028 (2006.01) G02B 21/00 (2006.01) G02B 21/36 (2006.01)**
[25] EN
[54] **GEOLOGICAL SCANNER**
[54] **SCANNER GEOLOGIQUE**
[72] CASAS, VICTOR, US
[71] MIKROSCAN TECHNOLOGIES, INC., US
[85] 2016-05-11
[86] 2014-11-14 (PCT/US2014/065806)
[87] (WO2015/073897)
[30] US (61/905,036) 2013-11-15

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[13] A1
[51] **Int.Cl. G06F 15/00 (2006.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENHANCED PERSONAL CARE**
[54] **PROCEDE ET APPAREIL POUR SOINS PERSONNELS AMELIORES**
[72] SALEM, AYMAN, US
[71] MORES, INC., US
[85] 2016-05-11
[86] 2014-11-10 (PCT/US2014/064849)
[87] (WO2015/073376)
[30] US (14/080,021) 2013-11-14

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[13] A1
[51] **Int.Cl. H04N 5/232 (2006.01) G02B 7/28 (2006.01) H04N 5/225 (2006.01)**
[25] EN
[54] **LOCATION-TAG CAMERA FOCUSING SYSTEMS**
[54] **SYSTEMES DE MISE AU POINT DE CAMERA AVEC REPERES DE LOCALISATION**
[72] KENNEDY, DOUGLAS R., US
[72] KENNEDY, STEPHEN A., US
[72] KENNEDY, PHILLIP B., US
[71] FREE FOCUS SYSTEMS, LLC, US
[85] 2016-05-11
[86] 2014-11-14 (PCT/US2014/065827)
[87] (WO2015/073916)
[30] US (61/904,968) 2013-11-15
[30] US (61/921,337) 2013-12-27

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[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4709 (2006.01) A61P 15/16 (2006.01) C07D 215/20 (2006.01) C07D 401/02 (2006.01) C07D 405/14 (2006.01) C07D 417/10 (2006.01)**
[25] EN
[54] **TETRAHYDROQUINOLINE COMPOSITIONS AS BET BROMODOMAIN INHIBITORS**
[54] **COMPOSITIONS DE TETRAHYDROQUINOLINE UTILISEES COMME INHIBITEURS DE PROTEINES A BROMODOMAINE ET DOMAINE EXTRATERMINAL (BET)**
[72] BAIR, KENNETH W., US
[72] HERBERTZ, TORSTEN, US
[72] KAUFFMAN, GOSS STRYKER, US
[72] KAYSER-BRICKER, KATHERINE J., US
[72] LUKE, GEORGE P., US
[72] MARTIN, MATTHEW W., US
[72] MILLAN, DAVID S., US
[72] SCHILLER, SHAWN E. R., US
[72] TALBOT, ADAM C., US
[71] FORMA THERAPEUTICS INC., US
[85] 2016-05-11
[86] 2014-11-18 (PCT/US2014/066198)
[87] (WO2015/074064)
[30] US (61/905,639) 2013-11-18
[30] US (62/054,811) 2014-09-24

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[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01) G06F 17/20 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **DOCUMENT MANAGEMENT AND COLLABORATION SYSTEM**
[54] **SYSTEME DE GESTION ET DE COLLABORATION DE DOCUMENT**
[72] KHURANA, HIMANSHU, US
[72] EISNER, NOAH ANTHONY, US
[72] GILLETT, KEVIN, US
[72] SETHURAMALINGAM, ARUN PONNIAH, US
[72] CADABAM, NAGESH PRADHAN, US
[72] WANG, LIANGLIANG, US
[72] KALA, SHARAD, US
[72] OAKLEY, STEPHEN JOSEPH, US
[72] SANTHANAM, NANDHINI NANDIWADA, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2016-05-11
[86] 2014-11-10 (PCT/US2014/064875)
[87] (WO2015/070174)
[30] US (14/077,204) 2013-11-11

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[13] A1
[51] **Int.Cl. G01D 5/353 (2006.01) G01D 21/00 (2006.01)**
[25] EN
[54] **DISTRIBUTED SENSING SYSTEM EMPLOYING A FILM ADHESIVE**
[54] **SYSTEME DE DETECTION DISTRIBUEE UTILISANT UN FILM ADHESIF**
[72] WYSOCKI, PAUL F., US
[72] LAMBERT, CHRISTOPHER H., US
[72] STOESZ, CARL W., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-05-11
[86] 2014-10-03 (PCT/US2014/059000)
[87] (WO2015/073131)
[30] US (14/077,683) 2013-11-12

[21] **2,930,417**
[13] A1
[51] **Int.Cl. A61F 9/01 (2006.01)**
[25] EN
[54] **CORNEAL VITRIFICATION, METHODS AND DEVICES TO PRODUCE CORNEAL VITRIFICATION AND METHODS OF USE THEREOF**
[54] **VITRIFICATION CORNEENNE, PROCEDES ET DISPOSITIFS POUR PRODUIRE UNE VITRIFICATION CORNEENNE ET LEURS PROCEDES D'UTILISATION**
[72] SERDAREVIC, OLIVIA, US
[72] BERRY, MICHAEL, US
[72] HELLER, DONALD F., US
[71] SERDAREVIC, OLIVIA, US
[71] BERRY, MICHAEL, US
[71] HELLER, DONALD F., US
[85] 2016-05-11
[86] 2014-10-13 (PCT/US2014/060286)
[87] (WO2015/073150)
[30] US (61/903,213) 2013-11-12

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[13] A1
[51] **Int.Cl. A62B 9/04 (2006.01) A62B 18/02 (2006.01) A62B 18/08 (2006.01) A62B 23/02 (2006.01)**
[25] EN
[54] **RESPIRATOR WITH FLOATING ELASTOMERIC SLEEVE**
[54] **RESPIRATEUR MUNI D'UN MANCHON ELASTOMERE FLOTTANT**
[72] BLOMBERG, DAVID M., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2016-05-11
[86] 2014-11-11 (PCT/US2014/064970)
[87] (WO2015/073414)
[30] US (14/081,396) 2013-11-15

[21] **2,930,420**
[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/18 (2012.01)**
[25] EN
[54] **EVENT-BASED TELEMETRY FOR ARTIFICIAL LIFT IN WELLS**
[54] **TELEMETRIE BASEE SUR UN EVENEMENT POUR ASCENSION ARTIFICIELLE DANS DES PUITS**
[72] RENDUSARA, DUDI ABDULLAH, SG
[72] PARRA, LUIS, SG
[72] FRANCIS, ADRIAN RONALD, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-05-11
[86] 2014-11-11 (PCT/US2014/065013)
[87] (WO2015/073433)
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[54] **SYSTEMES ET PROCEDES DE CALCUL DE REFOULEMENT DE POMPE**
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[72] VAN DYKE, WILLIAM, US
[71] SMITHS MEDICAL ASD, INC., US
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[51] **Int.Cl. B60T 17/22 (2006.01) B60T 13/66 (2006.01)**
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[54] **SYSTEM, CONTROLLER AND METHOD FOR TESTING A SOLENOID**
[54] **SYSTEME, CONTROLEUR ET PROCEDE D'ESSAI DE SOLENOIDE**
[72] ZULA, DANIEL P., US
[72] THAKKAR, KIRIT A., US
[72] WEED, THOMAS J., US
[72] MILLER, JULIE A., US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
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[25] EN
[54] **IMPROVED CONTROL FLOW INTEGRITY SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'AMELIORATION DE L'INTEGRITE DU FLUX DE COMMANDE**
[72] WESIE, ANDREW MICHAEL, US
[72] PAK, BRIAN SEJOON, US
[71] WESIE, ANDREW MICHAEL, US
[71] PAK, BRIAN SEJOON, US
[85] 2016-05-11
[86] 2014-11-11 (PCT/US2014/065063)
[87] (WO2015/073450)
[30] US (61/903,091) 2013-11-12
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[51] **Int.Cl. B01D 65/08 (2006.01) B01D 61/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REPAIRING MEMBRANES AND IMPROVING PERFORMANCE OF OSMOTICALLY DRIVEN MEMBRANE SYSTEMS**
[54] **SYSTEMES ET PROCEDES POUR REPARER LES MEMBRANES ET AMELIORER LA PERFORMANCE DES SYSTEMES DE MEMBRANES A ENTRAINEMENT OSMOTIQUE**
[72] PHILLIP, WILLIAM ANTHONY, US
[72] HELM, ZACHARY, US
[72] DROVER, CHRISTOPHER, US
[72] HANCOCK, NATHAN T., US
[72] MORAN, PETER F., US
[72] MOADDEL, HOMAYOUN, US
[71] OASYS WATER, INC., US
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[87] (WO2015/077319)
[30] US (61/907,160) 2013-11-21
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[25] EN
[54] **WELL ALARMS AND EVENT DETECTION**
[54] **ALARMES DE PUITS ET DETECTION D'EVENEMENT**
[72] RENDUSARA, DUDI ABDULLAH, SG
[72] PARRA, LUIS, MX
[72] MACKAY, RODERICK IAN, SG
[72] LO, MING-KEI KEITH, CA
[72] ANDERSON, JEFFERY, CA
[71] SCHLUMBERGER CANADA LIMITED, CA
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[25] EN
[54] **ENERGY EFFICIENT NAPHTHENE RECYCLE VIA THE USE OF A SIDE DRAW FRACTIONATION TOWER AND PARTIAL CONDENSATION**
[54] **RECYCLAGE DE NAPHTHENES A UN BON RENDEMENT ENERGETIQUE PAR L'UTILISATION D'UNE TOUR DE FRACTIONNEMENT A SOUTIRAGE LATERAL ET CONDENSATION PARTIELLE**
[72] AMELSE, JEFFREY ALLEN, US
[71] BP CORPORATION NORTH AMERICA INC., US
[85] 2016-05-11
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[25] EN
[54] **FLUID FLOW REGULATOR ASSEMBLY**
[54] **ENSEMBLE REGULATEUR D'ECOULEMENT DE LIQUIDE**
[72] AMBROSINA, JESSE E., US
[72] POWERS, BENJAMIN G., US
[72] SEGIT, ALEXANDER J., US
[71] IVENIX, INC., US
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[25] EN
[54] **NOVEL METHODS FOR TREATING NEURODEGENERATIVE DISEASES**
[54] **NOUVELLES METHODES POUR TRAITER DES MALADIES NEURODEGENERATIVES**
[72] DODGE, JAMES C., US
[71] GENZYME CORPORATION, US
[85] 2016-05-11
[86] 2014-11-21 (PCT/US2014/066766)
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[25] EN
[54] **MICROFLUIDIC METHODS AND SYSTEMS FOR ISOLATING PARTICLE CLUSTERS**
[54] **PROCEDES ET SYSTEMES MICROFLUIDIQUES POUR ISOLER DES AMAS DE PARTICULES**
[72] SARIOGLU, ALI FATIH, US
[72] TONER, MEHMET, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2016-05-11
[86] 2014-11-21 (PCT/US2014/066885)
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[51] **Int.Cl. A61M 5/168 (2006.01) A61J 1/22 (2006.01) A61M 5/48 (2006.01)**
[25] EN
[54] **FLUID CONTROL SYSTEM AND DISPOSABLE ASSEMBLY**
[54] **SYSTEME DE REGULATION DE FLUIDE ET ENSEMBLE JETABLE**
[72] AMBROSINA, JESSE, US
[72] POWERS, BENJAMIN, US
[71] IVENIX, INC., US
[85] 2016-05-11
[86] 2014-11-13 (PCT/US2014/065342)
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[25] EN
[54] **WINDOW SHADE SYSTEM WITH SPRING ASSIST**
[54] **STORE DE FENETRE ASSISTE PAR RESSORTS**
[72] MCPHERSON, JERRY L., US
[71] DRAPER, INC., US
[85] 2016-05-11
[86] 2014-11-21 (PCT/US2014/066914)
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[25] EN
[54] **METHOD AND SYSTEM FOR FURNACE SEALING**
[54] **PROCEDE ET SYSTEME POUR ETANCHER UN FOUR**
[72] FALLER, ALFRED J., US
[72] GIOVANNONE, PASQUALE J., US
[71] FOSTER WHEELER USA CORPORATION, US
[85] 2016-05-11
[86] 2014-11-13 (PCT/US2014/065373)
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[25] EN
[54] **FOAMS FOR OXYGEN DELIVERY TO WOUNDS**
[54] **MOUSSES UTILISABLES EN VUE DE L'ADMINISTRATION D'OXYGENE EN DIRECTION DE LESIONS**
[72] CUEVAS, BRIAN J., US
[72] LAM, SOPHIE TRUC, US
[72] BONN-SAVAGE, NATHAN G., US
[72] LALGUDI, RAMANATHAN S., US
[72] ROSHON, MELISSA S., US
[72] CAIN, ROBERT JONATHAN, US
[71] AVENT, INC., US
[85] 2016-05-11
[86] 2014-11-26 (PCT/US2014/067530)
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[30] US (61/909,039) 2013-11-26

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[51] **Int.Cl. C04B 7/02 (2006.01) B01J 6/00 (2006.01) C04B 2/02 (2006.01) C04B 7/43 (2006.01) C04B 7/48 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR MANUFACTURE OF PORTLAND CEMENT**
[54] **PROCEDE ET APPAREIL POUR LA FABRICATION DE CIMENT PORTLAND**
[72] SCEATS, MARK, AU
[71] CALIX LTD, AU
[85] 2016-05-12
[86] 2014-11-19 (PCT/AU2014/001054)
[87] (WO2015/077818)
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[54] **PLAYGROUND SLIDE**
[54] **TOBOGGAN D'AIRE DE JEUX**
[72] VANDYKE, LYNN, US
[72] KEARL, JACOB, US
[71] LIFETIME PRODUCTS, INC., US
[85] 2016-05-11
[86] 2014-12-11 (PCT/US2014/069836)
[87] (WO2015/089325)
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[25] EN
[54] **BIONANOFLUID FOR USE AS A CONTRAST, IMAGING, DISINFECTING AND/OR THERAPEUTIC AGENT**
[54] **BIONANOFLUIDE DESTINE A ETRE UTILISE COMME AGENT DE CONTRASTE, D'IMAGERIE, DE DESINFECTION ET/OU THERAPEUTIQUE**
[72] TRIFIRO, MARK, CA
[72] PALIOURAS, MILTIADIS, CA
[72] ROCHE, PHILIP, CA
[72] DOTAN, IDIT, CA
[72] BEITEL, LENORE, CA
[72] CARNEVALE, MATTHEW, CA
[72] MITMAKER, ELLIOT JONATHAN, CA
[72] ALVARADO, CARLOS, CA
[71] THE ROYAL INSTITUTE FOR THE ADVANCEMENT OF LEARNING / MC GILL UNIVERSITY, CA
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[86] 2014-11-14 (PCT/CA2014/051094)
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[25] EN
[54] **SELECTION AND BLENDING OF FEEDS FOR ASPHALT MANUFACTURE**
[54] **SELECTION ET MELANGE DE CHARGES POUR LA FABRICATION D'ASPHALTE**
[72] SIROTA, ERIC B., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2016-05-11
[86] 2014-12-19 (PCT/US2014/071342)
[87] (WO2015/105663)
[30] US (61/925,377) 2014-01-09

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[51] **Int.Cl. H04B 3/54 (2006.01) B23K 9/10 (2006.01)**
[25] EN
[54] **DEVICES FOR COMMUNICATING IN A WELDING SYSTEM**
[54] **DISPOSITIFS ET PROCEDES DE COMMUNICATION DANS UN SYSTEME DE SOUDAGE**
[72] DENIS, MARC L., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2016-05-11
[86] 2014-11-13 (PCT/US2014/065485)
[87] (WO2015/105575)
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[51] **Int.Cl. C07H 13/08 (2006.01) C07H 1/00 (2006.01) C07H 3/10 (2006.01)**
[25] EN
[54] **DISACCHARIDE INTERMEDIATE AND SYNTHESIS METHOD THEREOF**
[54] **INTERMEDIAIRE DISACCHARIDIQUE ET SON PROCEDE DE SYNTHESE**
[72] GUO, YANGHUI, CN
[72] ZHOU, JUNHUI, CN
[72] CAI, QINGFENG, CN
[72] WEI, HEGENG, CN
[72] BAI, HUA, CN
[72] LONG, FEI, CN
[72] ZHANG, YUE, CN
[72] WU, YINGQIU, CN
[71] ZHEJIANG HISUN PHARMACEUTICAL CO., LTD., CN
[85] 2016-05-12
[86] 2014-04-28 (PCT/CN2014/076359)
[87] (WO2015/070571)
[30] CN (201310571340.5) 2013-11-14

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[51] **Int.Cl. H04N 19/105 (2014.01) H04N 19/157 (2014.01) H04N 19/172 (2014.01) H04N 19/30 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **METHOD FOR CODING A REFERENCE PICTURE SET (RPS) IN MULTI-LAYER CODING**
[54] **PROCEDE PERMETTANT DE CODER UN ENSEMBLE D'IMAGES DE REFERENCE (RPS) DANS UN CODAGE MULTICOUCHE**
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[72] HENDRY, FNU, US
[72] WANG, YE-KUI, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-05-11
[86] 2014-12-30 (PCT/US2014/072722)
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[30] US (61/923,607) 2014-01-03
[30] US (14/585,041) 2014-12-29

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[25] EN
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[54] **ACCESSOIRE D'OUTIL COMPORTANT UNE PARTIE DE FIXATION AMOVIBLE**
[72] KOZAK, BURTON, US
[71] KOZAK, BURTON, US
[85] 2016-05-11
[86] 2015-03-20 (PCT/US2015/021659)
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[51] **Int.Cl. H04M 3/42 (2006.01) H04M 7/00 (2006.01) H04M 15/08 (2006.01)**
[25] EN
[54] **CALLBACK TELECOMMUNICATION SYSTEM**
[54] **SYSTEME DE TELECOMMUNICATION DE RAPPEL**
[72] TOORENAAR, GEROLF KILIAAN, NL
[71] TELIO NEDERLAND B.V., NL
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[86] 2013-12-24 (PCT/EP2013/078001)
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[25] EN
[54] **SLIDE-OUT EXTENSION FOR A CARAVAN**
[54] **EXTENSION COULISSANTE POUR CARAVANE**
[72] WILLS, GLENN STUART, AU
[71] WILLS, GLENN STUART, AU
[85] 2016-05-12
[86] 2014-11-13 (PCT/AU2014/050348)
[87] (WO2015/070287)
[30] AU (2013904447) 2013-11-18
[30] AU (2013905034) 2013-12-23

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[51] **Int.Cl. C21B 5/06 (2006.01)**
[25] EN
[54] **PLANT COMPLEX FOR STEEL PRODUCTION AND METHOD FOR OPERATING THE PLANT COMPLEX**
[54] **COMPLEXE D'USINE DE PRODUCTION D'ACIER ET METHODE D'EXPLOITATION DU COMPLEXE D'USINE**
[72] ACHATZ, REINHOLD, DE
[72] WAGNER, JENS, DE
[72] OLES, MARKUS, DE
[72] SCHMOELE, PETER, DE
[72] KLEINSCHMIDT, RALPH, DE
[72] GEHRMANN, STEFAN, DE
[72] KOLBE, BAERBEL, DE
[72] KRUEGER, MATTHIAS PATRICK, DE
[71] THYSSENKRUPP AG, DE
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[30] DE (10 2013 113 958.2) 2013-12-12

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[51] **Int.Cl. G01S 13/86 (2006.01) G01C 11/00 (2006.01) G01S 13/00 (2006.01) G01S 13/88 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DISPLAYING AN AREA**
[54] **PROCEDE ET SYSTEME D'AFFICHAGE D'UNE ZONE**
[72] BELLETT, PATRICK T., AU
[72] CAMPBELL, LACHLAN, AU
[72] NOON, DAVID, AU
[71] GROUNDPROBE PTY LTD, AU
[85] 2016-05-12
[86] 2014-12-03 (PCT/AU2014/050395)
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[25] EN
[54] **COMPOSITIONS, USES AND METHODS FOR TREATING OR PREVENTING DENTAL CARIES**
[54] **COMPOSITIONS, UTILISATIONS ET METHODES DE TRAITEMENT OU DE PREVENTION DE CARIES DENTAIRES**
[72] KIM, JOON, CA
[72] CVITKOVITCH, DENNIS GERARD, CA
[71] APOLLONIA HEALTH INC., CA
[85] 2016-05-12
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[51] **Int.Cl. G09B 19/24 (2006.01)**
[25] EN
[54] **CALIBRATION TOOL AND METHOD FOR A WELDING SYSTEM**
[54] **OUTIL D'ETALONNAGE ET PROCEDE POUR UN SYSTEME DE SOUDAGE**
[72] BECKER, WILLIAM J., US
[72] MARCUSEN, DAVID P., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2016-05-11
[86] 2014-11-13 (PCT/US2014/065518)
[87] (WO2015/105583)
[30] US (14/149,286) 2014-01-07

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[13] A1
[51] **Int.Cl. F27D 21/00 (2006.01)**
[25] EN
[54] **METALLURGICAL FURNACE PROBE WITH EJECTING CARTRIDGE SENSOR**
[54] **SONDE DE FOUR METALLURGIQUE DOTEE D'UN CAPTEUR DE CARTOUCHE D'EJECTION**
[72] WUNSCHE, EDGAR R., CA
[71] EMPCO (CANADA) LTD., CA
[85] 2016-05-12
[86] 2014-10-29 (PCT/CA2014/000779)
[87] (WO2015/070316)
[30] US (61/903,670) 2013-11-13

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[51] **Int.Cl. B23K 37/00 (2006.01) B23K 9/095 (2006.01) B23K 9/10 (2006.01) B23K 9/30 (2006.01) B23K 9/32 (2006.01) B25J 19/06 (2006.01)**
[25] EN
[54] **FEEDBACK FROM A WELDING TORCH OF A WELDING SYSTEM**
[54] **RETOUR PROVENANT D'UN CHALUMEAU DE SOUDAGE D'UN SYSTEME DE SOUDAGE**
[72] BECKER, WILLIAM J., US
[72] WALKER, JAMES M., US
[72] ERDMANN, JEREMY J., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2016-05-11
[86] 2014-11-13 (PCT/US2014/065525)
[87] (WO2015/105584)
[30] US (14/149,273) 2014-01-07

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[51] **Int.Cl. C07C 69/12 (2006.01) A61K 31/616 (2006.01) A61P 37/02 (2006.01)**
[25] EN
[54] **ACETYL SALICYCLIC ACID DIMERS, SYNTHESIS THEREOF, AND USES THEREOF TO PREVENT AND TREAT COMPLEMENT-MEDIATED DISORDERS**
[54] **DIMERES DE L'ACIDE ACETYLSALICYLIQUE, LEUR SYNTHESE, ET LEURS UTILISATIONS POUR PREVENIR ET TRAITER DES TROUBLES MEDIES PAR LE COMPLEMENT**
[72] MCGEER, PATRICK L., CA
[72] LEE, MOONHEE, CA
[72] MCGEER, EDITH G., CA
[71] AURIN BIOTECH INC., CA
[85] 2016-05-12
[86] 2014-11-17 (PCT/CA2014/051097)
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[30] US (61/905,596) 2013-11-18

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[51] **Int.Cl. A61K 9/16 (2006.01) A61K 31/403 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **REHYDRATION OF MICRONIZED TECOVIRIMAT MONOHYDRATE**
[54] **REHYDRATATION DE MONOHYDRATE DE TECOVIRIMAT MICRONISE**
[72] TYAVANAGIMATT, SHANTHAKUMAR R., US
[72] REEVES, MATTHEW, US
[72] SAMUEL, N K PETER, US
[72] PRIEBE, STEVEN, US
[72] TAN, YING, US
[72] HRUBY, DENNIS E., US
[71] SIGA TECHNOLOGIES, INC., US
[85] 2016-05-11
[86] 2014-11-14 (PCT/US2014/065674)
[87] (WO2015/077143)
[30] US (61/906,119) 2013-11-19

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[51] **Int.Cl. C21B 5/06 (2006.01) C21B 7/00 (2006.01) C21C 5/38 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING SYNGAS IN COMBINED OPERATION WITH A METALLURGICAL PLANT**
[54] **METHODE DE PRODUCTION DE GAZ SYNTHETIQUE EN EXPLOITATION COMBINEE AVEC UNE USINE DE METALLURGIE**
[72] ACHATZ, REINHOLD, DE
[72] WAGNER, JENS, DE
[72] OLES, MARKUS, DE
[72] SCHMOELE, PETER, DE
[72] KLEINSCHMIDT, RALPH, DE
[72] KROTOV, DENIS, DE
[72] VON MORSTEIN, OLAF, DE
[72] BUEKER, KARSTEN, DE
[71] THYSSENKRUPP AG, DE
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[51] **Int.Cl. C07H 19/167 (2006.01)**
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[54] **A PROCESS FOR THE PREPARATION OF REGADENOSON**
[54] **PROCEDE DE PREPARATION DE REGADENOSON**
[72] ZHANG, XIAOHENG, CN
[72] MEI, LIJUN, CN
[71] SCINOPHARM TAIWAN, LTD., CN
[85] 2016-05-12
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[87] (WO2015/085497)

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[51] **Int.Cl. G01J 11/00 (2006.01) G01J 3/42 (2006.01) G01N 9/24 (2006.01) G01N 21/41 (2006.01)**
[25] EN
[54] **SYSTEM FOR DETERMINING AT LEAST ONE PROPERTY OF A SHEET DIELECTRIC SAMPLE USING TERAHERTZ RADIATION**
[54] **SYSTEME POUR DETERMINER AU MOINS UNE PROPRIETE D'UN ECHANTILLON DIELECTRIQUE DE FEUILLE A L'AIDE D'UN RAYONNEMENT TERAHERTZ**
[72] ZIMDARS, DAVID, US
[72] WHITE, JEFFREY S., US
[72] WILLIAMSON, STEVEN, US
[72] DULING, IRL, US
[71] PICOMETRIX, LLC, US
[85] 2016-05-11
[86] 2014-11-14 (PCT/US2014/065677)
[87] (WO2015/073807)
[30] US (61/904,787) 2013-11-15

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[51] **Int.Cl. D06M 11/00 (2006.01)**
[25] EN
[54] **SOIL REPELLANT FIBER AND METHODS OF MAKING THE SAME**
[54] **FIBRE ANTISALISSANTE ET SES PROCEDES DE FABRICATION**
[72] IVY, MICHELLE A., US
[72] CHARLES, KELCEY N., US
[72] IVERSON, ISAAC K., US
[72] RAO, SUNDAR MOHAN, US
[71] INVISTA TECHNOLOGIES S.A.R.L., CH
[85] 2016-05-11
[86] 2014-11-14 (PCT/US2014/065691)
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[51] **Int.Cl. B28C 7/02 (2006.01) B01F 15/00 (2006.01) B28C 5/42 (2006.01) G01C 19/56 (2012.01) G01P 3/00 (2006.01)**
[25] EN
[54] **DETERMINATION OF GYROSCOPIC BASED ROTATION**
[54] **DETERMINATION D'UNE ROTATION GYROSCOPIQUE**
[72] JORDAN, RICHARD K., US
[72] GLINA, YAN, US
[72] ROBERTS, MARK F., US
[72] KOEHLER, ERIC P., US
[71] VERIFI LLC, US
[85] 2016-05-11
[86] 2014-11-14 (PCT/US2014/065709)
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[51] **Int.Cl. C21B 5/06 (2006.01) C21B 7/00 (2006.01)**
[25] EN
[54] **PLANT COMPLEX FOR STEEL PRODUCTION AND METHOD FOR OPERATING THE PLANT COMPLEX**
[54] **COMPLEXE D'USINE DE PRODUCTION D'ACIER ET METHODE D'EXPLOITATION DU COMPLEXE D'USINE**
[72] ACHATZ, REINHOLD, DE
[72] WAGNER, JENS, DE
[72] OLES, MARKUS, DE
[72] SCHMOELE, PETER, DE
[72] KLEINSCHMIDT, RALPH, DE
[72] MEISSNER, CHRISTOPH, DE
[72] BREDEMEYER, NIELS, DE
[72] VOELKL, JOHANNES, DE
[71] THYSSENKRUPP AG, DE
[85] 2016-05-12
[86] 2014-12-11 (PCT/EP2014/003318)
[87] (WO2015/086152)
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[25] EN
[54] **PLANT COMPLEX FOR STEEL PRODUCTION AND METHOD FOR OPERATING THE PLANT COMPLEX**
[54] **COMPLEXE D'USINE DE PRODUCTION D'ACIER ET METHODE D'EXPLOITATION DU COMPLEXE D'USINE**
[72] ACHATZ, REINHOLD, DE
[72] WAGNER, JENS, DE
[72] OLES, MARKUS, DE
[72] SCHMOELE, PETER, DE
[72] KLEINSCHMIDT, RALPH, DE
[72] KRUEGER, MATTHIAS PATRICK, DE
[72] KROTOV, DENIS, DE
[72] VON MORSTEIN, OLAF, DE
[71] THYSSENKRUPP AG, DE
[85] 2016-05-12
[86] 2014-12-11 (PCT/EP2014/003319)
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[30] DE (10 2013 113 921.3) 2013-12-12

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[25] EN
[54] **PLANT COMPLEX FOR STEEL PRODUCTION AND METHOD FOR OPERATING THE PLANT COMPLEX**
[54] **COMPLEXE D'USINE DE PRODUCTION D'ACIER ET METHODE D'EXPLOITATION DU COMPLEXE D'USINE**
[72] ACHATZ, REINHOLD, DE
[72] WAGNER, JENS, DE
[72] OLES, MARKUS, DE
[72] SCHMOELE, PETER, DE
[72] KLEINSCHMIDT, RALPH, DE
[72] KOLBE, BAERBEL, DE
[72] KRUEGER, MATTHIAS PATRICK, DE
[72] MEISSNER, CHRISTOPH, DE
[71] THYSSENKRUPP AG, DE
[85] 2016-05-12
[86] 2014-12-11 (PCT/EP2014/003320)
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[30] DE (10 2013 113 913.2) 2013-12-12

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[51] **Int.Cl. F03B 3/12 (2006.01) F03B 11/00 (2006.01)**
[25] EN
[54] **AERATING SYSTEM FOR HYDRAULIC TURBINE**
[54] **SYSTEME D'AERATION POUR TURBINE HYDRAULIQUE**
[72] BEAULIEU, SEBASTIEN, CA
[72] SABOURIN, MICHEL, CA
[72] BORNARD, LAURENT, CA
[72] BOUTET-BLAIS, GUILLAUME, CA
[71] ALSTOM RENEWABLE TECHNOLOGIES, FR
[85] 2016-05-12
[86] 2014-10-28 (PCT/EP2014/073138)
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[51] **Int.Cl. F04D 17/12 (2006.01) F04D 25/06 (2006.01) F04D 29/058 (2006.01)**
[25] EN
[54] **MOTOR-COMPRESSOR WITH STAGE IMPELLERS INTEGRATED IN THE MOTOR-ROTORS**
[54] **MOTOCOMPRESSEUR AVEC ROUES D'ETAGES INTEGREES DANS LES ROTORS DE MOTEUR**
[72] PALOMBA, SERGIO, IT
[72] RUBINO, DANTE TOMMASO, IT
[71] NUOVO PIGNONE SRL, IT
[85] 2016-05-12
[86] 2014-11-03 (PCT/EP2014/073598)
[87] (WO2015/074855)
[30] IT (FI2013A000283) 2013-11-22

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[51] **Int.Cl. B66C 13/06 (2006.01)**
[25] EN
[54] **A DEVICE AND A PROCESS FOR CONTROLLING A SWINGING OF A LOAD SUSPENDED FROM A LIFTING APPARATUS**
[54] **DISPOSITIF ET PROCEDE DE COMMANDE D'UN BALANCEMENT D'UNE CHARGE SUSPENDUE A UN APPAREIL DE LEVAGE**
[72] SAVARESI, SERGIO M., IT
[72] VINATI, FELICE, IT
[72] VINATI, SAMUELE, IT
[72] VINATI, MATTEO, IT
[72] VINATI, MARIA-CHIARA, IT
[72] VINATI, GIACOMO, IT
[71] VINATI S.R.L., IT
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[87] (WO2015/074886)
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[25] EN
[54] **MOULDINGS BASED ON DIENE-FUNCTIONALIZED (METH)ACRYLATES AND (HETERO-)DIELS-ALDER DIENOPHILES, WITH REVERSIBLE CROSSLINKING**
[54] **PIECES FACONNEES A BASE DE (METH)ACRYLATES A FONCTIONNALITE DIENE ET DE (HETERO)DIENOPHILES DE DIELS-ALDER, AVEC RETICULATION REVERSIBLE**
[72] SCHMIDT, FRIEDRICH GEORG, DE
[72] HILF, STEFAN, SG
[72] KUBE, MICHAEL, DE
[72] TUNCAY, ZUHAL, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2016-05-12
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[87] (WO2015/074887)
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[13] A1
[51] **Int.Cl. G05B 13/02 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A FACILITY DESIGNED FOR PERFORMING AT LEAST ONE CHEMICAL REACTION**
[54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UNE INSTALLATION CONCUE POUR L'EXECUTION D'AU MOINS UNE REACTION CHIMIQUE**
[72] KRASBERG, NICOLAI, DE
[72] HOHMANN, LUKAS, DE
[71] BAYER TECHNOLOGY SERVICES GMBH, DE
[85] 2016-05-12
[86] 2014-11-11 (PCT/EP2014/074268)
[87] (WO2015/071259)
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[51] **Int.Cl. F41H 5/04 (2006.01)**
[25] EN
[54] **BALLISTIC RESISTANT ARTICLE WITH NON-UNIFORMLY DISTRIBUTED MATRIX MATERIAL AND METHOD TO MANUFACTURE SAID ARTICLE**
[54] **ARTICLE A RESISTANCE BALISTIQUE DOTE D'UN MATERIAU DE MATRICE REPARTI NON UNIFORMEMENT ET PROCEDE DE FABRICATION DUDIT ARTICLE**
[72] GROSSMAN, JAN, US
[72] DE HAAS, MARC-JAN, NL
[72] POULOPOULOS, NEKTARIOS, CA
[72] WILLIAMS, ALICIA, US
[72] WILSON, JASON, US
[71] BARRDAY INC., CA
[71] TEIJIN ARAMID B.V., NL
[85] 2016-05-12
[86] 2014-11-12 (PCT/EP2014/074307)
[87] (WO2015/071275)
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[51] **Int.Cl. C07B 59/00 (2006.01)**
[25] EN
[54] **DUAL RUN CASSETTE FOR THE SYNTHESIS OF 18F-LABELLED COMPOUNDS**
[54] **CASSETTE A DOUBLE TRAITEMENT POUR LA SYNTHESE DE COMPOSES MARQUES PAR 18F**
[72] FRANCI, XAVIER, BE
[71] GE HEALTHCARE LIMITED, GB
[85] 2016-05-12
[86] 2014-11-12 (PCT/EP2014/074330)
[87] (WO2015/071288)
[30] US (61/903,486) 2013-11-13

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[51] **Int.Cl. G06F 19/00 (2011.01) H04W 4/00 (2009.01) G06Q 10/10 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REPORTING AND TRACKING INCIDENTS**
[54] **SYSTEME ET PROCEDE DE SIGNALEMENT ET DE SUIVI D'INCIDENTS**
[72] ROWE, JOHN L., CA
[72] MCNALLY, WAYD, CA
[72] PINEAU, BRAD D., CA
[71] TIMELESS MEDICAL SYSTEMS INC., CA
[85] 2016-02-29
[86] 2013-08-30 (PCT/CA2013/000755)
[87] (WO2014/032173)
[30] US (61/695,696) 2012-08-31

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[13] A1
[51] **Int.Cl. C06B 45/10 (2006.01) C06B 21/00 (2006.01)**
[25] FR
[54] **COMPOSITE PYROTECHNICAL PRODUCT WITH NON-CROSSLINKED BINDER AND METHOD FOR PREPARING SAME**
[54] **PRODUIT PYROTECHNIQUE COMPOSITE A LIANT NON RETICULE ET SON PROCEDE DE PREPARATION**
[72] DESGARDIN, NANCY, FR
[72] RAGON, PHILIPPE, FR
[72] WERSCHINE, MATHIEU W., FR
[72] CARAYON, CAROLINE, FR
[72] PAULIN, JEAN-LOUIS, FR
[71] HERAKLES, FR
[71] EURENCO, FR
[85] 2016-05-12
[86] 2014-11-21 (PCT/FR2014/000250)
[87] (WO2015/075327)
[30] FR (1302707) 2013-11-22

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[51] **Int.Cl. C06B 21/00 (2006.01) C06B 45/10 (2006.01)**
[25] FR
[54] **COMPOSITE PYROTECHNICAL PRODUCT WITH CROSSLINKED BINDER AND METHOD FOR PREPARING SAME**
[54] **PRODUIT PYROTECHNIQUE COMPOSITE A LIANT RETICULE ET SON PROCEDE DE PREPARATION**
[72] DESGARDIN, NANCY, FR
[72] WERSCHINE, MATHIEU W., FR
[72] FRANSON, CLAIRE J., FR
[72] RAGON, PHILIPPE, FR
[72] PAULIN, JEAN-LOUIS, FR
[71] HERAKLES, FR
[71] EURENCO, FR
[85] 2016-05-12
[86] 2014-11-21 (PCT/FR2014/000251)
[87] (WO2015/075328)
[30] FR (13/02708) 2013-11-22

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[13] A1
[51] **Int.Cl. A61K 31/724 (2006.01) A61P 9/00 (2006.01) A61P 25/00 (2006.01)**
[25] FR
[54] **COMPOSITIONS BASED ON METHYL CYCLODEXTRINS FOR THE TREATMENT AND/OR PREVENTION OF DISEASES BY INCREASING THE HDL CHOLESTEROL LEVEL**
[54] **COMPOSITIONS A BASE DE METHYL-CYCLODEXTRINES POUR LE TRAITEMENT ET/OU LA PREVENTION DE MALADIES PAR AUGMENTATION DU TAUX DE CHOLESTEROL-HDL**
[72] SALOME, MARC, FR
[72] WILS, DANIEL, FR
[72] PARISSAUX, XAVIER, FR
[72] MACH, FRANCOIS, CH
[72] MONTECUCCO, FABRIZIO, CH
[71] ROQUETTE FRERES, FR
[85] 2016-05-12
[86] 2014-12-12 (PCT/FR2014/053309)
[87] (WO2015/087016)
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[51] **Int.Cl. H02H 1/00 (2006.01) G01R 31/02 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING ELECTRICAL FAULTS IN A CIRCUIT**
[54] **PROCEDE DE DETECTION DE PANNES ELECTRIQUES DANS UN CIRCUIT**
[72] HANDY, PETER JAMES, GB
[72] SHIPLEY, ADRIAN, GB
[71] GE AVIATION SYSTEMS LIMITED, GB
[85] 2016-05-12
[86] 2013-11-22 (PCT/GB2013/053082)
[87] (WO2015/075410)

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[13] A1
[51] **Int.Cl. H04M 1/18 (2006.01) G06F 1/16 (2006.01)**
[25] EN
[54] **PROTECTIVE COVER FOR A MOBILE DEVICE**
[54] **COQUE DE PROTECTION POUR APPAREIL MOBILE**
[72] ZECHNER, PATRICIA, CH
[71] ZECHNER, PATRICIA, CH
[85] 2016-05-12
[86] 2014-11-14 (PCT/EP2014/074645)
[87] (WO2015/071428)
[30] CH (01913/13) 2013-11-15

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[13] A1
[51] **Int.Cl. H02G 9/00 (2006.01)**
[25] EN
[54] **SUBSEA CABLE ENGAGEMENT SYSTEM**
[54] **SYSTEME DE MISE EN PRISE DE CABLE SOUS-MARIN**
[72] GERMAIN, CHRISTOPHER, GB
[72] SHEPPARD, JAMES, GB
[72] GOSS, RICHARD, GB
[71] TIDAL GENERATION LIMITED, GB
[85] 2016-05-12
[86] 2014-10-21 (PCT/GB2014/053139)
[87] (WO2015/075419)
[30] GB (1320655.2) 2013-11-22

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[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01) A61K 39/395 (2006.01) A61K 51/10 (2006.01) A61P 35/00 (2006.01) C07K 16/40 (2006.01)**
[25] EN
[54] **HUMANISED ANTI KALLIKREIN-2 ANTIBODY**
[54] **ANTICORPS ANTI-KALLIKREINE-2 HUMANISE**
[72] TIMMERMAND, PAR OSKAR VILHELMSSON, SE
[72] TRAN, AMANDA THUY, SE
[72] STRAND, SVEN-ERIK, SE
[72] LAMMINMAKI, URPO JUHANI, FI
[71] FREDAX AB, SE
[85] 2016-05-12
[86] 2014-11-19 (PCT/GB2014/053420)
[87] (WO2015/075445)
[30] GB (1320408.6) 2013-11-19
[30] GB (1401973.1) 2014-02-05

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[13] A1
[51] **Int.Cl. A01H 5/02 (2006.01)**
[25] EN
[54] **PETUNIA FLOWER WITH NOVEL PIGMENTATION PATTERN**
[54] **FLEUR DE PETUNIA PRESENTANT UN NOUVEAU SCHEMA DE PIGMENTATION**
[72] KLEINWEE, DICK VAN, NL
[72] KRASSENBURG, JOLANDA, NL
[72] LORENTE RODRIGUEZ, SABINE, NL
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2016-05-12
[86] 2014-11-17 (PCT/EP2014/074767)
[87] (WO2015/071459)
[30] EP (13193320.2) 2013-11-18

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[13] A1
[51] **Int.Cl. B01D 15/38 (2006.01) C12N 15/10 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **EXTRACTION OF CIRCULATING NUCLEIC ACIDS**
[54] **EXTRACTION D'ACIDES NUCLEIQUES CIRCULANTS**
[72] SERVOLI, EVA, CH
[72] VAN DEN BOGAARD, PATRICK, CH
[71] BIOCARTIS N.V., BE
[85] 2016-05-12
[86] 2014-12-02 (PCT/EP2014/076301)
[87] (WO2015/082495)
[30] EP (13005603.9) 2013-12-02

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[13] A1
[51] **Int.Cl. A47J 31/18 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR BREWING A BEVERAGE**
[54] **DISPOSITIF ET PROCEDE DE PREPARATION D'UNE BOISSON PAR INFUSION**
[72] SMITH, RICHARD, GB
[71] UNILEVER PLC, GB
[85] 2016-05-12
[86] 2014-11-18 (PCT/EP2014/074878)
[87] (WO2015/075020)
[30] EP (13194138.7) 2013-11-22

[21] 2,930,498
[13] A1
[51] **Int.Cl. H04N 21/458 (2011.01) H04N 21/6543 (2011.01) H04N 21/6547 (2011.01)**
[25] EN
[54] **A VIDEO BROADCAST SYSTEM AND A METHOD OF DISSEMINATING VIDEO CONTENT**
[54] **SYSTEME DE DIFFUSION VIDEO ET PROCEDE DE DISSEMINATION DE CONTENU VIDEO**
[72] BRADLEY LENNON, HELEN, GB
[72] PURCELL, DAMIEN, IE
[71] BRADLEY LENNON, HELEN, GB
[71] PURCELL, DAMIEN, IE
[85] 2016-05-12
[86] 2014-11-18 (PCT/EP2014/074884)
[87] (WO2015/071490)
[30] GB (1320343.5) 2013-11-18

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[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **IMIDAZOPYRIDINE DERIVATIVES AS MODULATORS OF TNF ACTIVITY**
[54] **DERIVES D'IMIDAZOPYRIDINE COMME MODULATEURS DE L'ACTIVITE DU TNF**
[72] JACKSON, VICTORIA ELIZABETH, GB
[72] PORTER, JOHN ROBERT, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2016-05-12
[86] 2014-12-08 (PCT/EP2014/076869)
[87] (WO2015/086519)
[30] GB (1321747.6) 2013-12-09
[30] GB (1409241.5) 2014-05-23

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[13] A1
[51] **Int.Cl. B01D 67/00 (2006.01) B01D 39/16 (2006.01) B01D 71/56 (2006.01) B32B 5/02 (2006.01) D01D 5/00 (2006.01) B01D 61/14 (2006.01)**
[25] EN
[54] **PROCESS FOR THE FABRICATION OF A WATER FILTER**
[54] **PROCEDE DE FABRICATION D'UN FILTRE A EAU**
[72] DORSCHU, MARKO, NL
[72] BOONEN, PETRUS JOHANNES LAMBERTUS, NL
[72] OOSTERLINCK, FILIP STEFAN EMIEL, NL
[72] STEPANYAN, ROMAN, NL
[71] DSM IP ASSETS B.V., NL
[85] 2016-05-12
[86] 2014-12-11 (PCT/EP2014/077328)
[87] (WO2015/091187)
[30] EP (13198882.6) 2013-12-20

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[13] A1
[51] **Int.Cl. E05B 49/00 (2006.01) B60R 25/24 (2013.01)**
[25] EN
[54] **PORTABLE COMMUNICATION APPARATUS, VEHICLE CONTROL APPARATUS, AND VEHICLE CONTROL SYSTEM**
[54] **DISPOSITIF DE COMMUNICATION PORTABLE, DISPOSITIF ET SYSTEME DE COMMANDE DE VEHICULE**
[72] KATOU, KENJI, JP
[71] DENSO CORPORATION, JP
[85] 2016-05-12
[86] 2014-10-27 (PCT/JP2014/005423)
[87] (WO2015/107578)
[30] JP (2014-007873) 2014-01-20

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[13] A1
[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **FORMER, OPTICAL FIBER UNIT MANUFACTURING METHOD AND OPTICAL CABLE MANUFACTURING METHOD**
[54] **DISPOSITIF DE MISE EN FORME, PROCEDE DE FABRICATION D'UNITE DE FIBRE OPTIQUE ET PROCEDE DE FABRICATION DE CABLE OPTIQUE**
[72] KAJI, TOMOAKI, JP
[72] TAKEDA, DAIKI, JP
[72] SHIOBARA, SATORU, JP
[72] YAMANAKA, MASAYOSHI, JP
[71] FUJIKURA, LTD., JP
[85] 2016-05-12
[86] 2014-03-24 (PCT/JP2014/058017)
[87] (WO2015/104853)
[30] JP (2014-003670) 2014-01-10

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[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) C07J 51/00 (2006.01) C12N 5/00 (2006.01) C12N 11/00 (2006.01) C12N 11/06 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **COMPOUNDS COMPRISING ONE OR MORE HYDROPHOBIC DOMAINS AND A HYDROPHILIC DOMAIN COMPRISING PEG MOIETIES, USEFUL FOR BINDING CELLS**
[54] **COMPOSES COMPRENANT UN OU PLUSIEURS DOMAINES HYDROPHOBES ET UN DOMAINE HYDROPHILE COMPRENANT DES FRACTIONS PEG, UTILES POUR LA LIAISON DE CELLULES**
[72] JOSEL, HANS-PETER, DE
[72] HEINDL, DIETER, DE
[72] FROEHLICH, THOMAS, DE
[72] FROEHNER, STEFANIE, DE
[71] F. HOFFMAN-LA ROCHE AG, CH
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[51] **Int.Cl. G02C 7/02 (2006.01) G02B 5/22 (2006.01) G02C 7/10 (2006.01)**
[25] EN
[54] **FUNCTIONAL DYED SPECTACLE LENS**
[54] **VERRE DE LUNETTES TEINTE FONCTIONNEL**
[72] TAKEDOMI, YUKA, JP
[72] KAWAMURA, YUKO, JP
[71] NIKON-ESSILOR CO., LTD., JP
[85] 2016-05-12
[86] 2014-10-30 (PCT/JP2014/078876)
[87] (WO2015/072336)
[30] JP (2013-234224) 2013-11-12

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[51] **Int.Cl. G02B 1/115 (2015.01) G02C 7/02 (2006.01)**
[25] EN
[54] **OPHTHALMIC LENS COMPRISING A BASE OF POLYMERIC MATERIAL WITH A COATING HAVING AN INTERFERENTIAL, ANTI-REFLECTIVE, ANTI-IRIDESCENT AND IR FILTER MULTIPLE LAYER STRUCTURE**
[54] **LENTILLE OPHTALMIQUE COMPRENANT UNE BASE DE MATERIAU POLYMERE AVEC UN REVETEMENT A STRUCTURE MULTICOUCHE INTERFERENTIELLE ANTIREFLECHISSANTE, ANTI-IRIDESCENTE ET AVEC FILTRE IR**
[72] RIGATO, FRANCO, ES
[72] CASANELLAS PENALVER, GLORIA, ES
[72] ARTUS COLOMER, PAU, ES
[72] VILAJOANA MAS, ANTONI, ES
[72] DURSTELER LOPEZ, JUAN CARLOS, ES
[71] INDO OPTICAL S.L., ES
[85] 2016-05-12
[86] 2014-11-26 (PCT/ES2014/070866)
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[51] **Int.Cl. C09D 1/00 (2006.01)**
[25] EN
[54] **PROCESS FOR MAKING AN ANTI-REFLECTIVE COATING COMPOSITION AND A POROUS COATING MADE THEREFROM**
[54] **PROCEDE DE FABRICATION D'UNE COMPOSITION DE REVETEMENT ANTIREFLECHISSANT ET REVETEMENT POREUX CONSTITUE DE CETTE COMPOSITION**
[72] DIJCK VAN, MICHAEL ALPHONSUS CORNELIS JOHANNES, NL
[72] LANGERMANS, HERMANUS ADRIANUS, NL
[72] VERMEULEN, JACOBUS ADRIAAN ANTONIUS, NL
[71] DSM IP ASSETS B.V., NL
[85] 2016-05-12
[86] 2014-11-24 (PCT/EP2014/075402)
[87] (WO2015/075229)
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[51] **Int.Cl. A23D 7/00 (2006.01) A23D 9/00 (2006.01) A23G 1/00 (2006.01) A23G 1/30 (2006.01)**
[25] EN
[54] **FAT CONTAINING POLYUNSATURATED FATTY ACID**
[54] **MATIERE GRASSE CONTENANT UN ACIDE GRAS POLYINSATURE**
[72] KATO, MASAHARU, JP
[72] KOJIMA, MAKIKO, JP
[72] MORIKAWA, MIWAKO, JP
[72] INOUE, TOMOMI, JP
[72] WATANABE, SHIMPEI, JP
[71] FUJI OIL HOLDINGS INC., JP
[85] 2016-05-12
[86] 2014-11-07 (PCT/JP2014/079566)
[87] (WO2015/072406)
[30] JP (2013-235326) 2013-11-13
[30] JP (2013-235327) 2013-11-13

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[51] **Int.Cl. G01N 21/35 (2014.01) G01N 1/28 (2006.01)**
[25] EN
[54] **OPTICAL ANALYZER, OPTICAL ANALYZING METHOD AND SAMPLE PREPARATION DEVICE**
[54] **ANALYSEUR OPTIQUE, PROCEDE D'ANALYSE OPTIQUE ET DISPOSITIF DE PREPARATION D'ECHANTILLON**
[72] MARBACH, RALF, FI
[71] GRAINSENSE OY, FI
[85] 2016-05-12
[86] 2013-11-14 (PCT/IB2013/060139)
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[51] **Int.Cl. G07D 9/00 (2006.01) G07B 15/00 (2011.01)**
[25] EN
[54] **COINAGE IDENTIFICATION DEVICE**
[54] **DISPOSITIF D'IDENTIFICATION DE MONNAIE**
[72] MATSUNO, TAKESHI, JP
[72] SUZUKI, YASUHIRO, JP
[71] LECIP HOLDINGS CORPORATION, JP
[85] 2016-05-12
[86] 2014-11-20 (PCT/JP2014/080829)
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[51] **Int.Cl. B22F 1/02 (2006.01) B22F 1/00 (2006.01) B22F 9/14 (2006.01) C22C 19/03 (2006.01)**
[25] EN
[54] **CARBON-COATED METAL POWDER, CONDUCTIVE PASTE CONTAINING CARBON-COATED METAL POWDER AND MULTILAYER ELECTRONIC COMPONENT USING SAME, AND METHOD FOR MANUFACTURING CARBON-COATED METALPOWDER**
[54] **POUDRE DE METAL REVETU DE CARBONE, PATE ELECTROCONDUCTRICE CONTENANT UNE POUDRE DE METAL REVETU DE CARBONE, COMPOSANT ELECTRONIQUE STRATIFIE UTILISANT LADITE PATE, ET PROCEDE DE FABRICATION DE POUDRE DE METAL REVETU DE CARBONE**
[72] AKIMOTO, YUJI, JP
[72] TANAKA, HIDEKI, JP
[72] IWASAKI, MINETO, JP
[72] MATSUO, AKIKO, JP
[71] SHOEI CHEMICAL INC., JP
[85] 2016-05-12
[86] 2015-06-17 (PCT/JP2015/067401)
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[51] **Int.Cl. C12N 15/115 (2010.01) A61K 31/7115 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **APTAMERS FOR BINDING FLAVIVIRUS PROTEINS**
[54] **APTAMERES POUR LA LIAISON A DES PROTEINES DE FLAVIVIRUS**
[72] NG, MAH LEE MARY, SG
[72] PARTHASARATHY, KRUPAKAR, SG
[72] CHUA, JIN SHUN ANTHONY, SG
[72] YEO, HUI YU HAYDEN, SG
[71] NATIONAL UNIVERSITY OF SINGAPORE, SG
[85] 2016-05-12
[86] 2014-11-13 (PCT/SG2014/000532)
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[51] **Int.Cl. A62C 13/00 (2006.01)**
[25] EN
[54] **MULTIPLE ORIENTATION PARTICULATE DISCHARGE VESSEL**
[54] **RECIPIENT DE DECHARGE DE PARTICULES A ORIENTATIONS MULTIPLES**
[72] EDWARDS, RICHARD H., US
[71] TSM CORPORATION, US
[85] 2016-05-12
[86] 2013-08-25 (PCT/US2013/056547)
[87] (WO2014/074207)
[30] US (13/674,885) 2012-11-12

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[51] **Int.Cl. B01D 59/26 (2006.01) C01B 4/00 (2006.01) G21F 9/12 (2006.01)**
[25] EN
[54] **DECONTAMINATION OF TRITIATED WATER**
[54] **DECONTAMINATION D'EAU TRITIEE**
[72] XIAO, XIN, US
[71] SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC, US
[85] 2016-05-12
[86] 2013-11-13 (PCT/US2013/069826)
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[51] **Int.Cl. G01F 1/74 (2006.01) G01F 1/84 (2006.01)**
[25] EN
[54] **CORIOLIS DIRECT WELLHEAD MEASUREMENT DEVICES AND METHODS**
[54] **DISPOSITIFS ET METHODES DE MESURE DIRECTE DE TETE DE PUITS PAR EFFET CORIOLIS**
[72] SCHOLLENBERGER, FREDERICK SCOTT, US
[72] WEINSTEIN, JOEL, US
[71] MICRO MOTION, INC., US
[85] 2016-05-12
[86] 2013-11-14 (PCT/US2013/070179)
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[25] EN
[54] **SYSTEM AND METHOD FOR MAINTAINING WATER QUALITY IN LARGE WATER BODIES**
[54] **SYSTEME ET PROCEDE POUR MAINTENIR LA QUALITE DE L'EAU DANS DES PLANS D'EAU ETENDUS**
[72] FISCHMANN TORRES, FERNANDO BENJAMIN, CL
[71] CRYSTAL LAGOONS (CURACAO) B.V., NL
[85] 2016-05-12
[86] 2014-12-29 (PCT/IB2014/002891)
[87] (WO2015/087156)
[30] US (61/915,331) 2013-12-12
[30] US (14/564,957) 2014-12-09

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[51] **Int.Cl. B01D 35/30 (2006.01) B01D 29/00 (2006.01) C02F 1/44 (2006.01)**
[25] EN
[54] **FILTRATION METHODS, APPARATUS, AND SYSTEMS USING A CERAMIC SEAL GASKET**
[54] **PROCEDES, APPAREILS ET SYSTEMES DE FILTRATION METTANT EN OEUVRE UNE GARNITURE D'ETANCHEITE EN CERAMIQUE**
[72] BUTTERS, BRIAN E., CA
[72] POWELL, ANTHONY L., CA
[72] PEARCE, JOHN DOUGLAS, CA
[71] BUTTERS, BRIAN E., CA
[85] 2016-05-12
[86] 2014-11-13 (PCT/IB2014/003034)
[87] (WO2015/075554)
[30] US (14/084,493) 2013-11-19

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[51] **Int.Cl. G05B 9/02 (2006.01) H04B 10/80 (2013.01) G08C 23/06 (2006.01)**
[25] EN
[54] **REMOTE SHUTDOWN VIA FIBER**
[54] **ARRET A DISTANCE PAR FIBRE**
[72] FRASER, CAMERON, CA
[72] KANNER, ABE, CA
[72] KNIAZEV, SERGE, CA
[71] THALES CANADA INC., CA
[85] 2016-05-12
[86] 2014-07-26 (PCT/IB2014/063440)
[87] (WO2015/071782)
[30] US (14/077,761) 2013-11-12

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[51] **Int.Cl. E21B 44/02 (2006.01) E21B 45/00 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **MANAGING WELLBORE OPERATIONS USING UNCERTAINTY CALCULATIONS**
[54] **GESTION D'OPERATIONS DE TROUS DE FORAGE AU MOYEN DE CALCULS D'INCERTITUDES**
[72] DYKSTRA, JASON D., US
[72] SUN, ZHIJIE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-12
[86] 2013-12-06 (PCT/US2013/073670)
[87] (WO2015/084402)

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[25] EN
[54] **GENERATOR FOR AN AIRCRAFT**
[54] **GENERATEUR POUR AERONEF**
[72] ENGELHARDT, MICHEL, US
[71] GE AVIATION SYSTEMS LLC, US
[85] 2016-05-12
[86] 2013-11-26 (PCT/US2013/071951)
[87] (WO2015/080700)

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **CLINICAL TRIAL DATA CAPTURE**
[54] **CAPTURE DE DONNEES D'ESSAI CLINIQUE**
[72] BUCKLEY, BRENDAN, IE
[72] SIEMIATKOWSKI, WOJCIECH, IE
[72] MILBORROW, GARETH, IE
[71] ICON CLINICAL RESEARCH LIMITED, IE
[85] 2016-05-12
[86] 2014-11-26 (PCT/EP2014/075699)
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[30] EP (13195159.2) 2013-11-29

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[51] **Int.Cl. E21B 47/09 (2012.01) E21B 17/01 (2006.01)**
[25] EN
[54] **GRAVITY-BASED CASING ORIENTATION TOOLS AND METHODS**
[54] **OUTILS ET PROCEDES D'ORIENTATION DE TUBAGE SE BASANT SUR LA GRAVITE**
[72] STEELE, DAVID JOE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-12
[86] 2013-12-16 (PCT/US2013/075435)
[87] (WO2015/094163)

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[51] **Int.Cl. E21B 47/10 (2012.01) E21B 47/113 (2012.01)**
[25] EN
[54] **FLOW ELECTRIFICATION SENSOR**
[54] **CAPTEUR D'ELECTRISATION PAR ECOULEMENT**
[72] MURPHREE, ZACHARY, US
[72] FRIPP, MICHAEL LINLEY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-12
[86] 2013-12-16 (PCT/US2013/075279)
[87] (WO2015/094147)

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[51] **Int.Cl. E21B 44/00 (2006.01)**
[25] EN
[54] **DRILLING MODELING CALIBRATION, INCLUDING ESTIMATION OF DRILL STRING STRETCH AND TWIST**
[54] **CALIBRATION DE MODELISATION DE FORAGE, COMPRENANT L'ESTIMATION D'UN ETIREMENT ET D'UNE TORSION DE TRAIN DE TIGES DE FORAGE**
[72] SAMUEL, ROBELLO, US
[71] HALLIBURTON ENERGY SERVICES INC., US
[85] 2016-05-12
[86] 2013-12-17 (PCT/US2013/075560)
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[51] **Int.Cl. E21B 47/0224 (2012.01) E21B 47/13 (2012.01) G01V 3/18 (2006.01)**
[25] EN
[54] **TARGET WELL RANGING METHOD, APPARATUS, AND SYSTEM**
[54] **METHODE, APPAREIL ET SYSTEME DE TELEMETRIE DE PUITS CIBLE**
[72] RODNEY, PAUL F., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-12
[86] 2013-12-27 (PCT/US2013/078107)
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[51] **Int.Cl. C12P 5/02 (2006.01) C12N 9/00 (2006.01) C12N 9/02 (2006.01)**
[25] EN
[54] **PRODUCTION OF ALKENES FROM 3-HYDROXYCARBOXYLIC ACIDS VIA 3-HYDROXYCARBOXYL-NUCLEOTIDYLIC ACIDS**
[54] **PRODUCTION D'ALCENES A PARTIR D'ACIDES 3-HYDROXYCARBOXYLIQUES PAR L'INTERMEDIAIRE D'ACIDES 3-HYDROXYCARBOXYL-NUCLEOTIDYLIQUES**
[72] ANISSIMOVA, MARIA, FR
[72] ALLARD, MATHIEU, FR
[72] MARLIERE, PHILIPPE, BE
[71] GLOBAL BIOENERGIES, FR
[71] SCIENTIST OF FORTUNE S.A., LU
[85] 2016-05-12
[86] 2014-12-02 (PCT/EP2014/076203)
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[30] EP (13195569.2) 2013-12-03

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[51] **Int.Cl. E21B 47/01 (2012.01) E21B 47/16 (2006.01)**
[25] EN
[54] **DRILLING COLLISION AVOIDANCE APPARATUS, METHODS, AND SYSTEMS**
[54] **APPAREIL, METHODES ET SYSTEMES D'EVITEMENT DE COLLISION DE FORAGE**
[72] DONDERICI, BURKAY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-12
[86] 2013-12-27 (PCT/US2013/078120)
[87] (WO2015/099790)

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[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01)**
[25] EN
[54] **INDICATING USER AVAILABILITY FOR COMMUNICATION**
[54] **INDICATION DE DISPONIBILITE D'UTILISATEUR POUR UNE COMMUNICATION**
[72] GARCIA, DAVID HARRY, US
[72] ENDRES, RAYMOND EDWARD, US
[72] BOBDE, NIKHIL PRAKASH, US
[71] FACEBOOK, INC., US
[85] 2016-05-12
[86] 2014-05-23 (PCT/US2014/039262)
[87] (WO2015/084432)
[30] US (14/098,335) 2013-12-05

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[51] **Int.Cl. A01N 43/04 (2006.01)**
[25] EN
[54] **GLYCOL CHITIN BASED THERMOSENSITIVE HYDROGEL FOR VAGINAL DELIVERY OF PROGESTERONE**
[54] **HYDROGEL THERMOSENSIBLE A BASE DE GLYCOL-CHITINE POUR ADMINISTRATION DE PROGESTERONE PAR VOIE VAGINALE**
[72] HUH, KANG MOO, US
[72] JANAT-AMSBURY, MARGIT MARIA, US
[72] PETERSON, CHARLES MATTHEW, US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[71] HUH, KANG MOO, US
[71] JANAT-AMSBURY, MARGIT MARIA, US
[71] PETERSON, CHARLES MATTHEW, US
[85] 2016-05-12
[86] 2014-06-23 (PCT/US2014/043649)
[87] (WO2015/073066)
[30] US (61/962,609) 2013-11-12

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[51] **Int.Cl. E21B 44/00 (2006.01) G05B 19/02 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **WELLBORE PIPE TRIP GUIDANCE AND STATISTICAL INFORMATION PROCESSING METHOD**
[54] **PROCEDE DE GUIDAGE D'AVANCE DE TUBE DE PUITS DE FORAGE ET DE TRAITEMENT D'INFORMATIONS STATISTIQUES**
[72] HILDEBRAND, GINGER, US
[72] COFFMAN, CHUNLING GU, US
[72] LUPPENS, JOHN CHRISTIAN, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-05-12
[86] 2014-11-11 (PCT/US2014/064903)
[87] (WO2015/073387)
[30] US (61/903,417) 2013-11-13
[30] US (14/536,662) 2014-11-09

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[13] A1
[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **7-BENZYL-4-(2-METHYLBENZYL)-2,4,6,7,8,9-HEXAHYDROIMIDAZO[1,2-A]PYRIDO[3,4-E]PYRIMIDIN-5(1H)-ONE, SALTS THEREOF AND METHODS OF USE**
[54] **7-BENZYL-4-(2-METHYLBENZYL)-2,4,6,7,8,9-HEXAHYDROIMIDAZO[1,2-A]PYRIDO[3,4-E]PYRIMIDIN-5(1H)-ONE, SES SELS ET PROCEDES D'UTILISATION**
[72] STOGNIEW, MARTIN, US
[72] ALLEN, JOSHUA E., US
[72] POTTORF, RICHARD S., US
[72] NALLAGANCHU, BHASKARA RAO, US
[72] OLSON, GARY L., US
[71] ONCOCEUTICS, INC., US
[71] PROVID PHARMACEUTICALS INC., US
[85] 2016-05-12
[86] 2014-09-12 (PCT/US2014/055373)
[87] (WO2015/073109)
[30] US (61/904,718) 2013-11-15
[30] US (14/208,657) 2014-03-13
[30] US (14/341,392) 2014-07-25
[30] US (PCT/US2014/048241) 2014-07-25

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[51] **Int.Cl. A62B 18/02 (2006.01) A62B 18/10 (2006.01)**
[25] EN
[54] **RESPIRATOR HAVING NONCIRCULAR CENTROID-MOUNTED EXHALATION VALVE**
[54] **RESPIRATEUR AYANT UNE SOUPAPE D'EXPIRATION NON-CIRCULAIRE MONTEE AU CENTRE**
[72] MITTELSTADT, WILLIAM A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2016-05-12
[86] 2014-11-11 (PCT/US2014/064919)
[87] (WO2015/073395)
[30] US (61/904,859) 2013-11-15

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[51] **Int.Cl. E21B 44/00 (2006.01) G05B 19/02 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **AUTOMATIC WELLBORE ACTIVITY SCHEDULE ADJUSTMENT METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME D'AJUSTEMENT DE PLANIFICATION D'ACTIVITE DE PUITS DE FORAGE AUTOMATIQUE**
[72] HILDEBRAND, GINGER, US
[72] COFFMAN, CHUNLING GU, US
[72] LUPPENS, JOHN CHRISTIAN, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-05-12
[86] 2014-11-11 (PCT/US2014/064901)
[87] (WO2015/102751)
[30] US (61/903,418) 2013-11-13
[30] US (14/535,200) 2014-11-06

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[13] A1
[51] **Int.Cl. H02G 3/08 (2006.01) F21V 27/02 (2006.01) H02G 3/06 (2006.01)**
[25] EN
[54] **ENCLOSURE WITH GROMMETLESS STRAIN RELIEF**
[54] **ENVELOPPE A REDUCTEUR DE TENSION SANS PASSE-CABLE**
[72] WILSON, ANDREW, US
[72] OKSENGENDLER, ALEX, US
[72] FREEMAN, GLENN, US
[72] WILSON, ROBERT, US
[71] OSRAM SYLVANIA INC., US
[85] 2016-05-12
[86] 2014-11-11 (PCT/US2014/064958)
[87] (WO2015/073408)
[30] US (14/081,785) 2013-11-15

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[51] **Int.Cl. E21B 44/00 (2006.01) G05B 19/02 (2006.01)**
[25] EN
[54] **AUTOMATIC WELLBORE CONDITION INDICATOR AND MANAGER**
[54] **INDICATEUR ET GESTIONNAIRE D'ETAT DE PUITS DE FORAGE AUTOMATIQUE**
[72] ERGE, ONEY, US
[72] BRANNIGAN, JAMES C., US
[72] KOTOVSKY, WAYNE, US
[72] HILDEBRAND, GINGER, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-05-12
[86] 2014-11-12 (PCT/US2014/065141)
[87] (WO2015/073489)
[30] US (61/903,419) 2013-11-13
[30] US (14/538,672) 2014-11-11

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[54] **STORAGE UTILITY NETWORK**
[54] **RESEAU UTILITAIRE DE STOCKAGE**
[72] GADDIPATI, SATHISH KUMAR, US
[71] THE WEATHER CHANNEL, LLC, US
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[54] **CLIENT SIDE FILTERING OF CARD OCR IMAGES**
[54] **FILTRAGE COTE CLIENT D'IMAGES D'OCR D'UNE CARTE**
[72] WANG, XIAOHANG, US
[72] BISSACCO, ALESSANDRO, US
[72] BERNTSON, GLEN, US
[72] NAZIF, MARRIA, US
[72] SCHEINER, JUSTIN, US
[72] SHIH, SAM, US
[72] SNYDER, MARK LESLIE, US
[72] TALAVERA, DANIEL, US
[71] GOOGLE INC., US
[85] 2016-05-12
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[25] EN
[54] **COMPOSITIONS AND METHODS USEFUL FOR THE TREATMENT OF NEUROMYELITIS OPTICA SPECTRUM DISORDERS**
[54] **COMPOSITIONS ET METHODES UTILES POUR LE TRAITEMENT DE TROUBLES DU SPECTRE DE LA NEUROMYELITE OPTIQUE**
[72] BROOM, COLIN, US
[72] DAYNO, JEFFREY, US
[71] SHIRE VIROPHARMA INCORPORATED, US
[85] 2016-05-12
[86] 2014-11-12 (PCT/US2014/065180)
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[54] **FLEXIBLE HIGH-PRESSURE BALLOONS**
[54] **BALLONS HAUTE PRESSION FLEXIBLES**
[72] CHUTER, TIMOTHY A.M., US
[71] WEST COAST CATHETER, INC., US
[85] 2016-05-12
[86] 2014-09-17 (PCT/US2014/056159)
[87] (WO2015/073114)
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[54] **SEAL ARRANGEMENT AND METHOD OF SEALING**
[54] **AGENCEMENT DE JOINT ET PROCEDE DE SCELLEMENT**
[72] ZHAO, LEI, US
[72] XU, ZHIYUE, US
[71] BAKER HUGUES INCORPORATED, US
[85] 2016-05-12
[86] 2014-10-21 (PCT/US2014/061547)
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[54] **HYDROPHOBIC AND OLEOPHOBIC COATINGS**
[54] **REVETEMENTS HYDROPHOBES ET OLEOPHOBES**
[72] KUMAR, DEEPAK, US
[72] XU, ZHIYUE, US
[71] BAKER HUGUES INCORPORATED, US
[85] 2016-05-12
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[54] **SYNTHETIC COMBINATORIAL AAV CAPSID LIBRARY FOR TARGETED GENE THERAPY**
[54] **BIBLIOTHEQUE DE CAPSIDES AAV COMBINATOIRE SYNTHETIQUE POUR LA THERAPIE GENIQUE CIBLEE**
[72] MARSIC, DAMIEN, US
[72] ZOLOTUKHIN, SERGEI, US
[72] AGBANDJE-MCKENNA, MAVIS, US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[85] 2016-05-12
[86] 2014-09-26 (PCT/US2014/057842)
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[54] **BACTERIAL DIAGNOSIS**
[54] **DIAGNOSTIC BACTERIEN**
[72] MADRID, PETER E., US
[72] LIU, XIAOHE, US
[71] SRI INTERNATIONAL, US
[85] 2016-05-12
[86] 2014-11-12 (PCT/US2014/065308)
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[25] EN
[54] **PLASMA ARC TORCH AND METHOD FOR ASSEMBLING AND DISASSEMBLING A PLASMA ARC TORCH**
[54] **CHALUMEAU A ARC PLASMA ET PROCEDE PERMETTANT LE MONTAGE ET LE DEMONTAGE D'UN CHALUMEAU A ARC PLASMA**
[72] SEVERANCE, WAYNE STANLEY, US
[71] THE ESAB GROUP, INC, US
[85] 2016-05-12
[86] 2014-10-30 (PCT/US2014/063076)
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[54] **CONTACT LENS WITH A HYDROPHILIC LAYER**
[54] **LENTILLE DE CONTACT DOTEE D'UNE COUCHE HYDROPHILE**
[72] HAVENSTRITE, KAREN L., US
[72] MCCRAY, VICTOR WAYNE, US
[72] FELKINS, BRANDON MCNARY, US
[72] COOK, PAUL A., US
[71] OCULAR DYNAMICS, LLC, US
[85] 2016-05-12
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[54] **SOOT SENSOR SYSTEM**
[54] **SYSTEME CAPTEUR DE SUIE**
[72] HEDAYAT, KAYVAN, US
[72] HART, JOHN, US
[72] MATSON, ERIC, US
[72] WILSON, MARK, US
[72] POIRIER, NORMAN, US
[71] STONERIDGE, INC., US
[85] 2016-05-12
[86] 2014-11-12 (PCT/US2014/065327)
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[25] EN
[54] **PROVIDING CONTENT IN A TIMESLOT ON A CLIENT COMPUTING DEVICE**
[54] **FOURNITURE DE CONTENU DANS UNE TRANCHE DE TEMPS SUR UN DISPOSITIF INFORMATIQUE DE CLIENT**
[72] ST. CLAIR, LUKE, US
[71] FACEBOOK, INC., US
[85] 2016-05-12
[86] 2014-11-03 (PCT/US2014/063679)
[87] (WO2015/077010)
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[25] EN
[54] **FIBROBLAST MIXTURES AND METHODS OF MAKING AND USING THE SAME**
[54] **MELANGES DE FIBROBLASTES, ET PROCEDES POUR LEUR FABRICATION ET LEUR UTILISATION**
[72] SHACKNAI, JONAH, US
[72] WORTZMAN, MITCHELL S., US
[72] MCDANIEL, DAVID H., US
[71] DERMARCHE LABS, LLC, US
[85] 2016-05-12
[86] 2014-11-14 (PCT/US2014/065627)
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[54] **SUICIDE CONTRAST AGENTS TARGETING HIV RESERVOIRS FOR THERANOSTIC ERRADICATION**
[54] **AGENTS DE CONTRASTE SUICIDE CIBLANT DES RESERVOIRS DE VIH POUR ERADICATION THERANOSTIQUE**
[72] LIU, PHILIP K., US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2016-05-12
[86] 2014-11-14 (PCT/US2014/065613)
[87] (WO2015/073773)
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[13] A1
[51] **Int.Cl. F01D 5/02 (2006.01)**
[25] EN
[54] **RADIAL TIE-BOLT SUPPORT SPRING**
[54] **RESSORT DE SUPPORT DE BOULON DE LIAISON RADIAL**
[72] RAWE, BENJAMIN VINCENT, US
[72] VON DER ESCH, ROBERT C., US
[72] PEPI, JASON FRANCIS, US
[72] CRALL, DAVID WILLIAM, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-05-12
[86] 2014-11-25 (PCT/US2014/067214)
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[25] EN
[54] **AZIRIDINYL CONTAINING COMPOUNDS AND METHODS OF INACTIVATING NUCLEIC ACID MOLECULES USING THE SAME**
[54] **COMPOSES CONTENANT DES GROUPES AZIRIDINYLE ET PROCEDES D'INACTIVATION DE MOLECULES D'ACIDES NUCLEIQUES LES COMPRENANT**
[72] TABATADZE, DAVID R., US
[71] ZATA PHARMACEUTICALS, INC., US
[85] 2016-05-12
[86] 2014-11-13 (PCT/US2014/065367)
[87] (WO2015/073622)
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[54] **BOTTLE FEEDING DEVICE**
[54] **DISPOSITIF DE BIBERON**
[72] RENZ, CHARLES, US
[72] MOHAMMED, HASSAN, US
[72] JACKSON, MICHAEL, US
[72] CASTEEL, STEVEN, US
[71] EVEREADY BATTERY COMPANY, INC., US
[85] 2016-05-12
[86] 2014-11-25 (PCT/US2014/067234)
[87] (WO2015/081044)
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[25] EN
[54] **ONDANSETRON SUBLINGUAL SPRAY FORMULATION**
[54] **FORMULATION DE SPRAY SUBLINGUAL D'ONDANSETRON**
[72] VANGARA, KIRAN KUMAR, US
[72] CHANDESHWARI, CHILAMPALLI SHIVANI, US
[72] GOSKONDA, VENKAT R., US
[71] INSYS PHARMA, INC., US
[85] 2016-05-12
[86] 2014-11-14 (PCT/US2014/065646)
[87] (WO2015/073789)
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[25] EN
[54] **BOTTOM LOADING LOW PROFILE FIXATION SYSTEM**
[54] **SYSTEME DE FIXATION BAS PROFIL A CHARGEMENT PAR LE FOND**
[72] DOUBLER, ROBERT L., US
[72] HAMMILL, JOHN E., SR., US
[71] SPINAL LLC, US
[85] 2016-05-12
[86] 2014-11-25 (PCT/US2014/067246)
[87] (WO2015/081046)
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[25] EN
[54] **ANNEXIN II VARIANT COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS DE VARIANTS D'ANNEXINE II ET METHODES**
[72] OHLFEST, JOHN R. (DECEASED), US
[72] OLIN, MICHAEL R., US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2016-05-12
[86] 2014-11-13 (PCT/US2014/065390)
[87] (WO2015/073632)
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[51] **Int.Cl. D01F 1/10 (2006.01)**
[25] EN
[54] **FIBER BLENDS WITH IMPROVED MOISTURE MANAGEMENT PROPERTIES**
[54] **MELANGES DE FIBRES PRESENTANT DES PROPRIETES AMELIOREES DE GESTION DE L'HUMIDITE**
[72] JAJU, ASHWINKUMAR, US
[71] OPTIMER PERFORMANCE FIBERS, INC., US
[85] 2016-05-12
[86] 2014-11-04 (PCT/US2014/063824)
[87] (WO2015/088672)
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[25] EN
[54] **BLAST/IMPACT FREQUENCY TUNING AND MITIGATION**
[54] **ATTENUATION ET ACCORD DE FREQUENCE D'EXPLOSION/D'IMPACT**
[72] THOULESS, MICHAEL, US
[72] ARRUDA, ELLEN M., US
[72] RAHIMZADEH, TANAZ, US
[72] WAAS, ANTHONY M., US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2016-05-12
[86] 2014-11-14 (PCT/US2014/065658)
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[30] US (61/904,206) 2013-11-14

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[54] **SILICON NANOWIRE-BASED SENSOR ARRAYS**
[54] **ENSEMBLES DE CAPTEURS A BASE DE NANOFILS EN SILICIUM**
[72] DAUNAIS, THOMAS, US
[72] BERGSTROM, PAUL L., US
[71] MICHIGAN TECHNOLOGICAL UNIVERSITY, US
[85] 2016-05-12
[86] 2014-11-13 (PCT/US2014/065403)
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[25] EN
[54] **SILICON CARBIDE-CONTAINING MOLD AND FACECOAT COMPOSITIONS AND METHODS FOR CASTING TITANIUM AND TITANIUM ALUMINIDE ALLOYS**
[54] **COMPOSITIONS DE REVETEMENT DE SURFACE ET DE MOULE CONTENANT DU CARBURE DE SILICIUM ET PROCEDES DE COULEE DE TITANE ET D'ALLIAGES D'ALUMINURE DE TITANE**
[72] BEWLAY, BERNARD PATRICK, US
[72] MCKIEVER, JOAN, US
[72] ELLIS, BRIAN MICHAEL, US
[72] MCLASKY, NICHILAS VINCENT, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-05-12
[86] 2014-11-05 (PCT/US2014/063970)
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[51] **Int.Cl. A61K 35/50 (2015.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING HUMAN PLACENTAL PERFUSATE CELLS, SUBPOPULATIONS THEREOF, AND THEIR USES**
[54] **COMPOSITIONS CONTENANT DES CELLULES DE PERFUSAT PLACENTAIRE HUMAIN, DES SOUS-POPULATIONS DE CELLES-CI, ET LEURS UTILISATIONS**
[72] GURNEY, JODI P., US
[72] ZHANG, XIAOKUI, US
[72] HERB, STACY, US
[72] HARIRI, ROBERT J., US
[71] ANTHROGENESIS CORPORATION, US
[85] 2016-05-12
[86] 2014-11-14 (PCT/US2014/065665)
[87] (WO2015/073800)
[30] US (61/905,076) 2013-11-15
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[25] EN
[54] **AMINE SALTS OF A PROSTACYCLIN ANALOG**
[54] **SELS D'AMINE D'UN ANALOGUE DE LA PROSTACYCLINE**
[72] CHAMBOURNIER, GILLES, US
[72] ENDRES, GREGORY WILLIAM, US
[72] HERING, KIRK WILLIAM, US
[72] FEDIJ, VICTOR, US
[72] MAHMOUD, HUSSEIN MAHMOUD, US
[71] CAYMAN CHEMICAL COMPANY INCORPORATED, US
[85] 2016-05-12
[86] 2014-11-07 (PCT/US2014/064519)
[87] (WO2015/073314)
[30] US (61/903,730) 2013-11-13

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[25] EN
[54] **IMAGE BASED SEARCH**
[54] **RECHERCHE SUR LA BASE D'IMAGES**
[72] JING, YUSHI, US
[72] WEI, CAI, US
[71] PINTEREST, INC., US
[85] 2016-05-12
[86] 2014-11-10 (PCT/US2014/064871)
[87] (WO2015/073383)
[30] US (61/902,907) 2013-11-12
[30] US (14/279,871) 2014-05-16

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[13] A1
[51] **Int.Cl. A61F 2/46 (2006.01) A61F 2/44 (2006.01)**
[25] EN
[54] **STRUCTURALLY SUPPORTING INSERT FOR SPINAL FUSION CAGE**
[54] **ELEMENT D'INSERTION DE SUPPORT STRUCTURAL POUR CAGE DE SPONDYLODESE**
[72] SICOTTE, MARCEL, US
[72] SHULOCK, DAMIEN, US
[71] HOWMEDICA OSTEONICS CORP., US
[85] 2016-05-12
[86] 2014-11-26 (PCT/US2014/067683)
[87] (WO2015/081240)
[30] US (61/909,667) 2013-11-27

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[51] **Int.Cl. B28D 1/04 (2006.01) E01C 23/12 (2006.01)**
[25] EN
[54] **CUTTING TOOTH SYSTEM**
[54] **SYSTEME DE DENTS COUPANTES**
[72] RUNQUIST, RANDY, US
[72] HOELTING, KEITH ALLEN, US
[71] VERMEER MANUFACTURING COMPANY, US
[85] 2016-05-12
[86] 2014-11-14 (PCT/US2014/065700)
[87] (WO2015/073821)
[30] US (61/904,702) 2013-11-15
[30] US (61/913,150) 2013-12-06

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[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01)**
[25] EN
[54] **SOCIAL-MARKETPLACE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MARCHE ELECTRONIQUE-RESEAU SOCIAL**
[72] SALAMEH, MARK, US
[72] LINSENBACH, DEVIN, US
[71] FULLGALSS, INC., US
[85] 2016-05-12
[86] 2014-11-27 (PCT/US2014/067799)
[87] (WO2015/081315)
[30] US (61/909,582) 2013-11-27
[30] US (14/555,630) 2014-11-27

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[25] EN
[54] **COMPOUNDS FOR POSITRON EMISSION TOMOGRAPHY**
[54] **COMPOSES POUR LA TOMOGRAPHIE PAR EMISSION DE POSITRONS**
[72] VLAHOV, IONTCHO R., US
[72] LEAMON, CHRISTOPHER P., US
[72] LOW, PHILIP S., US
[72] PARHAM, GARTH L., US
[72] CHEN, QINGSHOU, US
[71] ENDOCYTE, INC., US
[71] PURDUE RESEARCH FOUNDATION, US
[85] 2016-05-12
[86] 2014-11-13 (PCT/US2014/065467)
[87] (WO2015/073678)
[30] US (61/904,400) 2013-11-14
[30] US (61/904,387) 2013-11-14
[30] US (61/909,822) 2013-11-27

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[25] EN
[54] **VEHICLE START SYSTEM**
[54] **SYSTEME DE DEMARRAGE DE VEHICULE**
[72] GALES, NICOLAS, FR
[71] CLARK EQUIPMENT COMPANY, US
[85] 2016-05-12
[86] 2014-12-03 (PCT/US2014/068368)
[87] (WO2015/084955)
[30] US (61/911,123) 2013-12-03

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[72] SMITH, GARRY R., US
[72] REITZ, ALLEN B., US
[72] LIEBERMAN, PAUL M., US
[72] MCDONNELL, MARK E., US
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[72] HUMPHREY, GUY R., US
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[72] LIU, LI, US
[72] PATEL, BHAVIK, US
[72] ROSENBERG, STEVEN A., US
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[72] GHANEM, MUSTAFA H., US
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[54] **PROCEDE DE FONCTIONNEMENT SEQUENTIEL DE FRACTURATION UTILISANT DES RACCORDS DOUBLE FEMELLE A ORIFICES ET DES GARNITURES SENSIBLES A UN SIGNAL**
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[72] WOOD, EDWARD T., US
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[54] **ENGINEERING NEURAL STEM CELLS USING HOMOLOGOUS RECOMBINATION**
[54] **MANIPULATION GENETIQUE DE CELLULES SOUCHES NEURALES PAR RECOMBINAISON HOMOLOGUE**
[72] RAO, MAHENDRA S., US
[72] MALIK, NASIR, US
[72] FUNAHASHI, RAYMOND, US
[72] ZOU, JIZHONG, US
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[54] **SURVEILLANCE D'HYDRATATION NON INVASIVE**
[72] MULLIGAN, ISOBEL JANE, US
[72] GRUDIC, GREGORY ZLATKO, US
[72] MOULTON, STEVEN L., US
[71] FLASHBACK TECHNOLOGIES, INC., US
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[54] **MUTANTS D'ADN POLYMERASE POSSEDANT UNE ACTIVITE DE DISCRIMINATION DE MATRICES AMELIOREE**
[72] BEHLKE, MARK AARON, US
[72] WALDER, JOSEPH A., US
[72] OWCZARZY, RICHARD, US
[72] ROSE, SCOTT D., US
[72] DOBOSY, JOSEPH R., US
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[54] **NOUVEAU COMPOSE POUR LE TRAITEMENT DE L'HYPOGLYCEMIE GRAVE**
[72] ALSINA-FERNANDEZ, JORGE, US
[72] CUMMINS, ROBERT CHADWICK, US
[72] GUO, LILI, US
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[54] **APPARATUS, SYSTEMS, AND METHODS FOR EPICARDIAL IMAGING AND INJECTION**
[54] **APPAREIL, SYSTEMES ET PROCEDES POUR L'IMAGERIE ET L'INJECTION EPICARDIQUES**
[72] LEEFLANG, STEPHEN ARIE, US
[72] EVERSULL, CHRISTIAN SCOTT, US
[71] CLPH, LLC, US
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[54] **COMPOSES CONTRE LE RECEPTEUR 3 DU FACTEUR DE CROISSANCE DES FIBROBLASTES (FGFR3) ET UTILISATIONS THERAPEUTIQUES**
[72] BALDERES, PAUL J., US
[72] EASTMAN, SCOTT W., US
[72] ERICKSON, HANS K., US
[72] LUGWIG, DALE L., US
[72] MOXHAM, CHRISTOPHER M., US
[72] PLOWMAN, GREGORY D., US
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[54] **POMPE HYDRAULIQUE POUR UN ACTIONNEUR LINEAIRE**
[72] ZAMMUTO, JARED RET, US
[71] WARNER ELECTRIC TECHNOLOGY LLC, US
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[54] **SYSTEMS AND METHODS FOR COLLABORATIVE SHOPPING**
[54] **SYSTEMES ET PROCEDES POUR UN ACHAT COLLABORATIF**
[72] HIGH, DONALD RAY, US
[72] WELCH, ERIC EUGENE, US
[72] ATCHLEY, MICHAEL, US
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[54] **LIPIDE CATIONIQUE IONISABLE POUR ADMINISTRATION D'ARN**
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[72] FOWLES, ROBERT, CA
[72] TREYBIG, DUANE S., US
[71] LUBRIZOL OILFIELD SOLUTIONS, INC., US
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[54] **DISPERSIONS DE NANOPARTICULES DE LIGNINE ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] LIU, LEO Z., US
[72] GAST, JOHN C., US
[72] BOTTORFF, KYLE J, US
[71] SOLENIS TECHNOLOGIES, L.P., CH
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[54] **OUTIL CHIRURGICAL POLYVALENT ET SON PROCEDE D'UTILISATION**
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[54] **INHIBITEURS DE HDAC POUR SUPPRIMER LA CACHEXIE LIEE AU CANCER**
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[72] BEKAII-SAAB, TANIOS, US
[72] GUTTRIDGE, DENIS, US
[72] MARCUCCI, GUIDO, US
[72] KULP, SAMUEL, US
[72] TSENG, YU-CHOU, US
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[54] **COMPOSITIONS DE GAZ DE SOUDAGE ET PROCEDE D'UTILISATION**
[72] MILLER, PHILIP L., US
[72] LYTTLE, KEVIN A., US
[72] NEFF, JEREMY B., US
[72] STEYER, DOUGLAS A., US
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[54] **COUVERCLE POUR UN RECEPTACLE**
[72] VALDERRAMA, VINCENT, US
[71] EVEREADY BATTERY COMPANY, INC., US
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[54] **DISPOSITIF DE VERROU**
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[72] LUGAS, GRANT A., US
[71] THE EASTERN COMPANY, US
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[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR LA CREATION D'UNE RESTRICTION THERAPEUTIQUE DANS LE TRACTUS GASTRO-INTESTINAL**
[72] RAJAGOPALAN, HARITH, US
[72] CAPLAN, JAY, US
[72] FLAHERTY, R. MAXWELL, US
[72] FLAHERTY, J. CHRISTOPHER, US
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[54] **BORD DE FUITE REFROIDI DE SURFACE PORTANTE ET PROCEDE DE REFROIDISSEMENT DE BORD DE FUITE DE SURFACE PORTANTE**
[72] WANG, GUANGHUA, US
[72] BUNKER, RONALD SCOTT, US
[72] BAILEY, JEREMY CLYDE, US
[72] DELANCEY, JAMES PETER, US
[72] HELMER, DAVID BENJAMIN, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **PEPTIDES CYTOTOXIQUES ET LEURS CONJUGUES**
[72] GEIERSTANGER, BERNHARD, US
[72] GRUNEWALD, JAN, US
[72] OU, WEIJIA, US
[72] UNO, TETSUO, US
[72] WAN, YONGQIN, US
[72] WANG, XING, US
[72] JIN, YUNHO, US
[71] NOVARTIS AG, CH
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[54] **COMPOSITIONS FOR THE TREATMENT OF RHEUMATOID ARTHRITIS AND METHODS OF USING SAME**
[54] **COMPOSITIONS POUR LE TRAITEMENT DE LA POLYARTHRITE RHUMATOIDE ET METHODES D'UTILISATION DESDITES COMPOSITIONS**
[72] HUANG, XIAOHONG, US
[72] JASSON, MARTINE, FR
[72] MARKS, VANESSA, FR
[72] RADIN, ALLEN, US
[72] FAN, CHUNGPENG, US
[72] VAN HOOGSTRATEN, HUBERT, US
[72] FIORE, STEFANO, US
[72] VAN ADELSBERG, JANET, US
[72] GENOVESE, MARK, US
[71] SANOFI BIOTECHNOLOGY, FR
[71] REGENERON PHARMACEUTICALS, INC., US
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[54] **VIRUS ONCOLYTIQUES ET SCHEMAS POSOLOGIQUES DE TRAITEMENT DU CANCER RENFORCES**
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[72] THOMPSON, BRADLEY G., CA
[71] ONCOLYTICS BIOTECH INC., CA
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[54] **PROCEDE POUR AUGMENTER LA RECUPERATION DE GAZ DANS DES FRACTURES A PROXIMITE DE PUITS DE FORAGE TRAITES PAR FRACTURE**
[72] LEHMANN, JURGEN SIEGFRIED, CA
[72] PYECROFT, JAMES FREDERICK, CA
[72] EL-NAGGAR, OMAR, CA
[71] NEXEN ENERGY ULC, CA
[85] 2016-05-13
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[54] **GARROT**
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[72] KIRCHNER, CLAUDIA, DE
[72] KIRCHNER, HANSJORG, DE
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[54] **REMOVAL OF RESIDUAL CELL CULTURE IMPURITIES**
[54] **ELIMINATION D'IMPURETES RESIDUELLES DE CULTURE CELLULAIRE**
[72] NORMAN, CARNLEY, US
[72] SUDA, ERIC, US
[72] DOWLESS, KAYLA, US
[72] ASTIGARRAGA, RUIZ, US
[72] BASTEK, PATRICK, US
[72] YANNONE, VAISHALI, US
[71] NOVARTIS AG, CH
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[25] EN
[54] **A NOVEL COMPOSITION AND METHOD OF USE TO CONTROL PATHOGENS AND PREVENT DISEASES IN SEEDS**
[54] **NOUVELLE COMPOSITION ET PROCEDE D'UTILISATION POUR LUTTER CONTRE DES PATHOGENES ET PREVENIR DES MALADIES DANS DES SEMENCES**
[72] DAGHER, FADI, CA
[72] DILLON, NICHOLAS, CA
[72] UNGAR, KENNETH SHERMAN, CA
[71] AGRI-NEO INC., CA
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[25] EN
[54] **AL-PLATED STEEL SHEET USED FOR HOT PRESSING AND METHOD FOR MANUFACTURING AL-PLATED STEEL SHEET USED FOR HOT PRESSING**
[54] **TOLE D'ACIER PLAQUEE AL DE PRESSAGE A CHAUD ET PROCEDE DE FABRICATION DE TOLE D'ACIER PLAQUE AL DE PRESSAGE A CHAUD**
[72] FUJITA, SOSHI, JP
[72] YAMANAKA, SHINTARO, JP
[72] MAKI, JUN, JP
[72] FUJIMOTO, HIROKI, JP
[72] OIKAWA, HATSUSHIKO, JP
[72] IRIKAWA, HIDEAKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **CARTE D'AFFICHAGE AYANT UNE INTERFACE UTILISATEUR**
[72] RADU, CRISTIAN, BE
[72] POCHIC, SEBASTIEN, BE
[72] ATES, FIKRET, BE
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2015-12-16
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[54] **METHOD AND CONVEYING DEVICE FOR CONVEYING BULK MATERIAL**
[54] **PROCEDE ET DISPOSITIF POUR LE TRANSPORT D'UN MATERIAU EN VRAC**
[72] KAMPS, ROLF, CH
[72] PSCHERER, BERTRAM, DE
[72] KAUFMANN, CHRISTOF, CH
[71] BUHLER GMBH, DE
[85] 2016-05-13
[86] 2014-11-13 (PCT/EP2014/074473)
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[54] **METHOD FOR CONTROLLING WATER MOLDS IN AQUACULTURE WATER**
[54] **PROCEDE DE LUTTE CONTRE LA SAPROLEGNIA DANS DE L'EAU DE CULTURE**
[72] SUKEGAWA, SUSUMU, JP
[71] SUKEGAWA CHEMICALS CO LTD., JP
[85] 2016-05-13
[86] 2015-04-06 (PCT/JP2015/001933)
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[54] **ENCEINTE HERMETIQUE**
[72] BJORN, ERIK, DK
[71] AIRMASTER A/S, DK
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[54] **FISH VACCINE**
[54] **VACCIN POUR POISSONS**
[72] SORUM, HENNING, NO
[71] NORGES MILJO- OG BIOVITENSKAPELIGE UNIVERSITET (NMBU), NO
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[25] EN
[54] **CONCENTRIC APCI SURFACE IONIZATION ION SOURCE, ION GUIDE, AND METHOD OF USE**
[54] **SOURCE D'IONS POUR IONISATION DE SURFACE APCI CONCENTRIQUE, GUIDE D'IONS ET PROCEDE D'UTILISATION ASSOCIE**
[72] HENDRIKSE, JAN, CA
[72] ROMANOV, VLADIMIR, CA
[71] SMITHS DETECTION MONTREAL INC., CA
[85] 2016-05-13
[86] 2014-11-14 (PCT/CA2014/051095)
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[25] EN
[54] **BEVERAGE PREPARATION APPARATUS**
[54] **APPAREIL DE PREPARATION DE BOISSON**
[72] YOSHIDOME, AKIHIRO, JP
[72] SUGIMOTO, NAOZUMI, JP
[72] SAKUMASU, NAHOKO, JP
[71] SHARP KABUSHIKI KAISHA, JP
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[51] **Int.Cl. A61K 39/02 (2006.01) A61K 39/116 (2006.01)**
[25] EN
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[54] **VACCIN POUR POISSON**
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[71] NORGES MILJO- OG BIOVITENSKAPELIGE UNIVERSITET (NMBU), NO
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[25] EN
[54] **CONTROL OF SOLAR TRACKER DEVICE**
[54] **COMMANDE DE DISPOSITIF SUIVEUR SOLAIRE**
[72] ZIEGLER, MARTIN, DE
[72] SENOL, UNVER, DE
[72] WULLNER, JOHANNES, DE
[71] SOITEC SOLAR GMBH, DE
[85] 2016-05-13
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[25] EN
[54] **ULTRASONIC TRANSDUCER WITH BACKING HAVING SPATIALLY SEGMENTED SURFACE**
[54] **TRANSDUCTEUR A ULTRASONS DONT UNE COUCHE DE SUPPORT PRESENTE UNE SURFACE SEGMENTEE SPATIALEMENT**
[72] COURTNEY, BRIAN, CA
[72] LUKACS, MARC, CA
[72] MUNDING, CHELSEA, CA
[71] SUNNYBROOK HEALTH SCIENCES CENTRE, CA
[85] 2016-05-13
[86] 2014-11-21 (PCT/CA2014/051111)
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[25] EN
[54] **AN APPARATUS AND METHOD FOR PARTICULATE CAPTURE FROM GAS STREAMS AND A METHOD OF REMOVING SOLUBLE PARTICULATE FROM A GAS**
[54] **APPAREIL ET PROCEDE DE CAPTURE DE PARTICULES A PARTIR DE FLUX GAZEUX ET PROCEDE D'EXTRACTION DE PARTICULES SOLUBLES D'UN GAZ**
[72] HIGGINS, BRIAN SAYRE, US
[71] STAMICARBON B.V., NL
[85] 2016-05-13
[86] 2014-11-14 (PCT/NL2014/050784)
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[25] EN
[54] **A CONTACT HEATER**
[54] **ELEMENT CHAUFFANT A CONTACT**
[72] LEVORSEN, OLE HENRIK, NO
[71] DEFA AS, NO
[85] 2016-05-13
[86] 2014-11-13 (PCT/NO2014/050213)
[87] (WO2015/072861)
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[54] **OPTICAL FIBER STRIPPING APPARATUS AND COMMUNICATIONS DEVICE**
[54] **DENUDEUR DE FIBRE OPTIQUE ET DISPOSITIF DE COMMUNICATION**
[72] SHI, DEYI, CN
[72] YANG, ANLIANG, CN
[72] WU, FENG, CN
[72] ZHANG, YAN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-05-13
[86] 2014-11-14 (PCT/CN2014/091071)
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[54] **WELL CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE PUITS**
[72] ASKE, ELVIRA MARIE BERGHEIM, NO
[72] FREDRIKSEN, MORTEN, NO
[72] PAVLOV, ALEXEY, NO
[72] FJALESTAD, KJETIL, NO
[72] KRISHNAMOORTHY, DINESH, NO
[72] TONDEL, PETTER, NO
[72] TURKYILMAZ, YILMAZ, NO
[71] STATOIL PETROLEUM AS, NO
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[86] 2013-11-14 (PCT/EP2013/073882)
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[51] **Int.Cl. E21B 17/01 (2006.01)**
[25] EN
[54] **BEND STIFFENER**
[54] **RAIDISSEUR DE COUDE**
[72] FARNES, KNUT ARIL, NO
[71] STATOIL PETROLEUM AS, NO
[85] 2016-05-13
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[25] EN
[54] **METHOD AND APPARATUS FOR CHARACTERIZING CLATHRATE HYDRATE FORMATION CONDITIONS EMPLOYING A MICROFLUIDIC DEVICE**
[54] **PROCEDE ET APPAREIL POUR CARACTERISER DES CONDITIONS DE FORMATION D'HYDRATE DE CLATHRATE A L'AIDE D'UN DISPOSITIF MICRO-FLUIDIQUE**
[72] MOLLA, SHAHNAWAZ HOSSAIN, CA
[72] MOSTOWFI, FARSHID, CA
[72] NG, HENG-JOO, CA
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-05-13
[86] 2014-04-23 (PCT/US2014/035141)
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[25] EN
[54] **METHODS FOR CONTROLLING POLYMER PROPERTIES**
[54] **PROCEDES PERMETTANT DE CONTROLER LES PROPRIETES DES POLYMERES**
[72] GOODE, MARK G., US
[72] ALEXANDRE, FRANCOIS, CA
[72] CANN, KEVIN J., US
[72] KOPP, BARBARA J., US
[72] MATTHEWS, WILLIAM A., US
[72] MOORHOUSE, JOHN H., US
[72] MURE, CLIFF R., US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2016-05-13
[86] 2014-09-25 (PCT/US2014/057427)
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[51] **Int.Cl. E21B 23/00 (2006.01) E21B 43/119 (2006.01)**
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[54] **SEGMENTED RING ASSEMBLY**
[54] **ENSEMBLE ANNEAU SEGMENTE**
[72] JACOB, GREGOIRE, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-05-13
[86] 2014-10-31 (PCT/US2014/063296)
[87] (WO2015/073225)
[30] US (61/905,328) 2013-11-18
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[51] **Int.Cl. G02B 1/04 (2006.01) G02B 5/122 (2006.01)**
[25] EN
[54] **RETROREFLECTIVE BIODEGRADABLE ELEMENT, COMPOSITE AND RELATED PRODUCTS**
[54] **ELEMENT RETROREFLECHISSANT BIODEGRADABLE, COMPOSITE ET PRODUITS ASSOCIES**
[72] PARMANEN, ELISA, FI
[72] RUOTSINSALO, EEVA-LIISA, FI
[71] WALOON REFLECTOR SOLUTIONS OY, FI
[71] TEKSLA OY, FI
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[51] **Int.Cl. E21B 43/12 (2006.01)**
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[54] **DISTRIBUTED LIFT SYSTEMS FOR OIL AND GAS EXTRACTION**
[54] **SYSTEMES A PORTANCE REPARTIE POUR EXTRACTION DE PETROLE ET DE GAZ**
[72] HUGHES, MICHAEL, FRANKLIN, US
[72] VAN DAM, JEREMY, DANIEL, US
[72] BAHADUR, VAIBHAV, US
[72] MUHAMMED, ABOEL, HASSAN, US
[71] GE OIL & GAS ESP, INC., US
[85] 2016-05-13
[86] 2014-11-03 (PCT/US2014/063633)
[87] (WO2015/073238)
[30] US (14/081,991) 2013-11-15

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[25] EN
[54] **LAMINATE FLOOR ELEMENT**
[54] **ELEMENT DE SOL STRATIFIE**
[72] SEIDEL, HENNING, FR
[72] MEIER, LEONHARD, DE
[72] VOGGENAUER, ROBERT, DE
[72] WARDA, ROLF, DE
[72] SCHUNK, STEPHAN, DE
[72] WACHS, TILO, DE
[71] RKW SE, DE
[71] SURTECO SE, DE
[85] 2016-05-13
[86] 2014-12-17 (PCT/EP2014/003389)
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[30] DE (10 2013 021 779.2) 2013-12-22

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[51] **Int.Cl. A61M 16/04 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR AIRWAY SUCTIONING**
[54] **DISPOSITIFS ET PROCEDES DESTINES A L'ASPIRATION DES VOIES AERIENNES**
[72] GARRETT, MARY KATHERINE, US
[72] AZAGURY, DAN E., US
[72] HULME, GARY B., US
[72] JENKINSON, RONAN L., US
[72] JONES, CHRIS, US
[72] ROSE, JACQUELINE, US
[71] CIEL MEDICAL, INC., US
[85] 2016-05-13
[86] 2014-11-05 (PCT/US2014/064186)
[87] (WO2015/073279)
[30] US (61/905,065) 2013-11-15
[30] US (61/938,626) 2014-02-11
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[51] **Int.Cl. B44D 3/18 (2006.01) A47G 1/06 (2006.01)**
[25] EN
[54] **ARTWORK SUBSTRATE**
[54] **SUPPORT D'OEUVRE D'ART**
[72] EDGERTON-BALL, SUSAN, GB
[71] SEB IP HOLDINGS LIMITED, GB
[85] 2016-05-13
[86] 2014-11-13 (PCT/EP2014/074546)
[87] (WO2015/071383)
[30] GB (1320049.8) 2013-11-13
[30] GB (1403206.4) 2014-02-24

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[13] A1
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[25] EN
[54] **COMPOSITE STRUCTURE WITH REINFORCED THERMOPLASTIC ADHESIVE LAMINATE AND METHOD OF MANUFACTURE**
[54] **STRUCTURE COMPOSITE PRESENTANT UN STRATIFIE ADHESIF THERMOPLASTIQUE RENFORCE ET PROCEDE DE FABRICATION**
[72] PILPEL, EDWARD D., US
[72] PILPEL, BENJAMIN D., US
[72] SPIEGEL, JONATHAN, US
[71] GORDON HOLDINGS, INC., US
[85] 2016-05-13
[86] 2014-11-12 (PCT/US2014/065220)
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[25] EN
[54] **SYNTHETIC MEMBRANE-RECEIVER COMPLEXES**
[54] **COMPLEXES MEMBRANE SYNTHETIQUE- RECEPTEUR**
[72] KAHVEJIAN, AVAK, US
[72] MATA-FINK, JORDI, US
[72] ROUND, JOHN, US
[72] BERRY, DAVID A., US
[72] AFEYAN, NOUBAR B., US
[71] RUBIUS THERAPEUTICS, INC., US
[85] 2016-05-13
[86] 2014-11-12 (PCT/US2014/065304)
[87] (WO2015/073587)
[30] US (61/962,867) 2013-11-18
[30] US (61/919,432) 2013-12-20
[30] US (61/973,764) 2014-04-01
[30] US (61/991,319) 2014-05-09
[30] US (62/006,829) 2014-06-02
[30] US (62/006,832) 2014-06-02
[30] US (62/006,825) 2014-06-02
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[25] EN
[54] **FASTENER SYSTEM**
[54] **SYSTEME D'ATTACHE**
[72] CHERNOSKY, JOHN, US
[72] ROBY, KEITH A., US
[72] ZUBOK, RAY, US
[71] ZIMMER, INC., US
[85] 2016-05-13
[86] 2014-11-13 (PCT/US2014/065362)
[87] (WO2015/073617)
[30] US (61/903,731) 2013-11-13
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[51] **Int.Cl. A61F 2/30 (2006.01) A61F 2/38 (2006.01)**
[25] EN
[54] **AUGMENT SYSTEM FOR AN IMPLANT**
[54] **SYSTEME D'AUGMENTATION POUR IMPLANT**
[72] ROBY, KEITH A., US
[72] HOEMAN, TIMOTHY A., US
[72] CHERNOSKY, JOHN, US
[72] ZUBOK, RAY, US
[71] ZIMMER, INC., US
[85] 2016-05-13
[86] 2014-11-13 (PCT/US2014/065363)
[87] (WO2015/073618)
[30] US (61/903,748) 2013-11-13
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[13] A1
[51] **Int.Cl. C01B 31/02 (2006.01)**
[25] EN
[54] **CARBON COMPOSITES, METHODS OF MANUFACTURE, AND USES THEREOF**
[54] **COMPOSITES DE CARBONE, LEUR PROCEDES DE FABRICATION ET UTILISATIONS ASSOCIEES**
[72] ZHAO, LEI, US
[72] XU, ZHIYUE, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-05-13
[86] 2014-11-13 (PCT/US2014/065389)
[87] (WO2015/088698)
[30] US (14/103,095) 2013-12-11
[30] US (14/534,356) 2014-11-06

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[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01)**
[25] EN
[54] **METHODS FOR VIRAL INACTIVATION USING ECO-FRIENDLY DETERGENTS**
[54] **METHODES D'INACTIVATION VIRALE A L'AIDE DE DETERGENTS RESPECTUEUX DE L'ENVIRONNEMENT**
[72] FISHER, SUSAN, US
[72] CHEN, QI, US
[72] NORLING, LENORE, US
[71] GENENTECH, INC., US
[85] 2016-05-13
[86] 2014-11-13 (PCT/US2014/065391)
[87] (WO2015/073633)
[30] US (61/905,075) 2013-11-15
[30] US (61/937,284) 2014-02-07

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[51] **Int.Cl. C12N 15/74 (2006.01)**
[25] EN
[54] **NUCLEIC ACIDS USEFUL FOR INTEGRATING INTO AND GENE EXPRESSION IN HYPERTHERMOPHILIC ACIDOPHILIC ARCHAEA**
[54] **ACIDES NUCLEIQUES UTILES POUR L'INTEGRATION ET L'EXPRESSION DE GENES DANS DES ARCHEES ACIDOPHILES HYPERTHERMOPHILES**
[72] YANNONE, STEPHEN M., US
[72] BARNEBEY, ADAM, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2016-05-13
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[54] **PROTECTION DES PLANTES CONTRE LE STRESS OXIDATIF**
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[72] COOLS, TOON, BE
[71] VIB VZM, BE
[71] UNIVERSITEIT GENT, BE
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[54] **METHOD AND SYSTEM FOR MANAGEMENT OF WIRELESS BEACON SIGNALS**
[54] **PROCEDE ET SYSTEME DE GESTION DE SIGNAUX DE BALISE SANS FIL**
[72] POSTREL, RICHARD, US
[71] POSTREL, RICHARD, US
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[54] **VETEMENT DE COMPRESSION TRICOTE ET TISSU TRICOTE**
[72] COLLINS, LARRY WAYNE, US
[72] BAUER, JOACHIM ADOLF, DE
[72] TUCKER, KEVIN MICHAEL, US
[72] CLARK, PHILLIP TODD, US
[71] BSN MEDICAL, INC., US
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[54] **METHODS OF TREATING HEART FAILURE WITH AGONISTS OF HYPOCRETIN RECEPTOR 2**
[54] **PROCEDES DE TRAITEMENT D'UNE INSUFFISANCE CARDIAQUE AVEC DES AGONISTES DE RECEPTEUR 2 D'HYPOCRETINE**
[72] ASHLEY, EUAN A., US
[72] PEREZ, MARCO V., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNVERSITY, US
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[54] **EXPANDING ANCHOR HAVING AN ANISOTROPIC COEFFICIENT OF FRICTION**
[54] **ELEMENT D'ANCRAGE EXPANSIBLE A COEFFICIENT DE FROTTEMENT ANISOTROPE**
[72] GSTACH, PETER, LI
[72] WINKLER, BERNHARD, AT
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2016-05-13
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[54] **HIV-1 ENV DNA VACCINE PLUS PROTEIN BOOST**
[54] **VACCIN ADN ENV PLUS RAPPEL AVEC PROTEINE CONTRE LE VIH-1**
[72] WEINER, DAVID B., US
[72] MUTHUMANI, KARUPPIAH, US
[72] WISE, MEGAN, US
[72] YAN, JIAN, US
[72] BRODERICK, KATE, US
[71] INOVIO PHARMACEUTICALS, INC., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[25] EN
[54] **REMOTE CONTROLLED SELF PROPELLED DEPLOYMENT SYSTEM FOR HORIZONTAL WELLS**
[54] **SYSTEME DE DEPLOIEMENT A PROPULSION AUTOMATIQUE ET A COMMANDE A DISTANCE POUR PUITS HORIZONTAUX**
[72] HUGHES, MICHAEL FRANKLIN, US
[72] HARBAN, SCOTT, US
[71] GE OIL & GAS ESP, INC, US
[85] 2016-05-13
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[25] EN
[54] **DEVICES, SYSTEMS, AND METHODS FOR AUTOMATED MEDICAL PRODUCT OR SERVICE DELIVERY**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR LA DELIVRANCE AUTOMATISEE DE PRODUITS OU DE SERVICES MEDICAUX**
[72] HYDE, RODERICK A., US
[72] ISHIKAWA, MURIEL Y., US
[72] KARE, JORDIN T., US
[72] MCKNIGHT, GARY L., US
[72] PETROSKI, ROBERT C., US
[71] ELWHA LLC, US
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[25] EN
[54] **ZINC CATALYST/ADDITIVE SYSTEM FOR THE POLYMERIZATION OF EPOXIDE MONOMERS**
[54] **SYSTEME CATALYSEUR/ADDITIF AU ZINC POUR LA POLYMERISATION DE MONOMERES EPOXYDES**
[72] DAVIS, ANNA V., US
[72] NICKIAS, PETER N., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2016-05-13
[86] 2014-11-18 (PCT/US2014/066084)
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[30] US (61/907,411) 2013-11-22

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[51] **Int.Cl. B02C 13/28 (2006.01) B02C 13/00 (2006.01)**
[25] EN
[54] **STEPPED SHREDDER HAMMERS**
[54] **MARTEAUX DECHIQUETEURS ETAGES**
[72] WEEKS, MICHAEL R., US
[72] GRAF, DAVID M., US
[72] CARPENTER, CHRISTOPHER M., US
[71] ESCO CORPORATION, US
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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **COMPLETION, METHOD OF COMPLETING A WELL AND A ONE TRIP COMPLETION ARRANGEMENT**
[54] **COMPLETION, PROCEDE DE COMPLETION D'UN PUITS ET AGENCEMENT DE COMPLETION A MAN□UVRE UNIQUE**
[72] MAILAND, JASON C., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-05-13
[86] 2014-11-12 (PCT/US2014/065147)
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[51] **Int.Cl. B65D 41/06 (2006.01) B29C 33/48 (2006.01) B29C 45/44 (2006.01)**
[25] EN
[54] **METHOD OF MAKING A BAYONET SEALING CLOSURE FOR CONTAINERS AND LIDS**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT DE FERMETURE D'ETANCHEITE A BAIONNETTE POUR RECIPIENTS ET COUVERCLES**
[72] VALDERRAMA, VINCENT, US
[72] ROUSSO, JOHN, US
[72] FAKTOROVICH, DMITRIY, US
[72] MOWERS, STEPHEN, US
[71] EVEREADY BATTERY COMPANY, INC., US
[85] 2016-05-13
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[25] EN
[54] **NONINVASIVE MONITORING FOR FLUID RESUSCITATION**
[54] **SURVEILLANCE NON INVASIVE POUR REANIMATION LIQUIDIENNE**
[72] MULLIGAN, ISOBEL JANE, US
[72] GRUDIC, GREGORY ZLATKO, US
[72] MOULTON, STEVEN L., US
[71] FLASHBACK TECHNOLOGIES, INC., US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
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[86] 2014-11-14 (PCT/US2014/065818)
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[25] EN
[54] **MICRO RNA ISOLATION FROM BIOLOGICAL FLUID**
[54] **ISOLEMENT DE MICRO-ARN A PARTIR DE LIQUIDE BIOLOGIQUE**
[72] KREADER, CAROL, US
[71] SIGMA-ALDRICH CO. LLC, US
[85] 2016-05-13
[86] 2014-11-25 (PCT/US2014/067321)
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[54] **SELF-ACTUATING COTS**
[54] **CIVIERES A ACTIONNEMENT AUTOMATIQUE**
[72] MAGILL, BRIAN, US
[72] POTAK, ROBERT, US
[72] TANGIRALA, SALESH, US
[72] VALENTINO, NICHOLAS, US
[71] FERNO-WASHINGTON, INC., US
[85] 2016-05-13
[86] 2014-11-14 (PCT/US2014/065649)
[87] (WO2015/073792)
[30] US (61/904,694) 2013-11-15
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[51] **Int.Cl. H04B 17/00 (2015.01) G01N 29/22 (2006.01) H04B 11/00 (2006.01)**
[25] EN
[54] **STANDING WAVE REDUCTION IN DIRECT FIELD ACOUSTIC TESTING**
[54] **REDUCTION DES ONDES STATIONNAIRES LORS D'ESSAIS ACOUSTIQUES EN CHAMP DIRECT**
[72] LARKIN, PAUL, US
[72] POLK, MATTHEW, US
[72] HAYES, DANN, US
[72] SULLIVAN, MICHAEL, US
[72] ISAACS, ARTHUR, US
[71] MSI DFAT LLC, US
[85] 2016-05-13
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[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **CLIENT/SERVER SECURITY BY AN INTERMEDIARY RENDERING MODIFIED IN-MEMORY OBJECTS**
[54] **SECURITE CLIENT/SERVEUR PAR RENDU INTERMEDIAIRE D'OBJETS EN MEMOIRE MODIFIES**
[72] CALL, JUSTIN, US
[71] SHAPE SECURITY, INC., US
[85] 2016-05-13
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[51] **Int.Cl. C12P 7/62 (2006.01)**
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[54] **A PROCESS FOR PREPARING SUCCINATE ESTER**
[54] **PROCEDE DE PREPARATION D'ESTER DE SUCCINATE**
[72] TOSUKHOWONG, THIDARAT, US
[72] WANG, BIN, US
[72] MISTRY, MANAV, US
[72] DASARI, RAJESH, US
[72] WILSON, ZACHARY, US
[71] MYRIANT CORPORATION, US
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[54] **ANTIPARASITIC COMPOUNDS**
[54] **COMPOSES ANTIPARASITAIRES**
[72] LIU, HAO, US
[72] SLIGAR, JESSICA MARIE, US
[72] SPEAKE, JASON DANIEL, US
[72] MOORE, JOSEPH A., III, US
[72] BECK, BRENT CHRISTOPHER, US
[71] SCYNEXIS INC., US
[85] 2016-05-13
[86] 2014-11-14 (PCT/US2014/065656)
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[13] A1
[51] **Int.Cl. A61H 7/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR MONITORING AND CONTROLLING NEGATIVE PRESSURE WOUND THERAPY**
[54] **SYSTEME DE SURVEILLANCE ET DE COMMANDE D'UN TRAITEMENT DES PLAIES PAR PRESSION NEGATIVE**
[72] DEBUSK, BRIAN C., US
[72] ALLEMAN, TIMOTHY A., US
[72] ZUFELT, NEPHI, US
[71] DEROYAL INDUSTRIES, INC., US
[85] 2016-05-13
[86] 2014-11-14 (PCT/US2014/065680)
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[51] **Int.Cl. G06F 17/30 (2006.01) G06T 1/00 (2006.01)**
[25] EN
[54] **CONTINUOUS IMAGE ANALYTICS**
[54] **ANALYSE D'IMAGE CONTINUE**
[72] PACE, CHARLES P., US
[72] WIRCH, ERIC, US
[71] CORISTA LLC, US
[85] 2016-05-13
[86] 2014-11-17 (PCT/US2014/066011)
[87] (WO2015/074002)
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[30] US (61/929,059) 2014-01-19
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[54] **DIRECTIONAL DRILLING SYSTEM AND METHODS**
[54] **SYSTEME ET PROCEDES DE FORAGE DIRECTIONNEL**
[72] GAJJI, BHARGAV, IN
[72] AGARWAL, PUNEET, IN
[72] GAIKWAD, RAHUL RAMCHANDRA, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. F16L 9/133 (2006.01) E02B 11/00 (2006.01) F16L 11/118 (2006.01)**
[25] EN
[54] **A CORUGATED PIPE HAVING SLITS**
[54] **TUYAU ANNELE POURVU DE FENTES**
[72] HARDING, SETH, US
[72] SHAFFER, WILLIAM, US
[72] SAYRE, KRIS, US
[71] ADVANCED DRAINAGE SYSTEM, INC., US
[85] 2016-05-13
[86] 2014-11-14 (PCT/US2014/065617)
[87] (WO2015/077137)
[30] US (14/084,134) 2013-11-19

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS FOR THE SURVEILLANCE, DIAGNOSIS AND SCREENING OF BLADDER CANCER**
[54] **METHODES POUR LA SURVEILLANCE, LE DIAGNOSTIC ET LE CRIBLAGE DU CANCER DE LA VESSIE**
[72] ROPERCH, JEAN-PIERRE, FR
[71] ONCODIAG, FR
[85] 2016-05-13
[86] 2014-11-18 (PCT/EP2014/074892)
[87] (WO2015/075027)
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[51] **Int.Cl. F27B 15/06 (2006.01) F27B 1/00 (2006.01) F27B 1/10 (2006.01) F27B 1/16 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE REACTOR REFRACTORY SYSTEMS**
[54] **SYSTEMES REFRACTAIRES DE REACTEUR A HAUTE TEMPERATURE**
[72] HOYT, TIMOTHY, US
[72] GOSKI, DANA, US
[72] DISAIA, ANTHONY, US
[72] KNOLL, DAVID, US
[72] WILSON, ROBERT, US
[71] ALLIED MINERAL PRODUCTS, INC., US
[85] 2016-05-13
[86] 2014-11-17 (PCT/US2014/066012)
[87] (WO2015/074003)
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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/11 (2006.01)**
[25] EN
[54] **PREVENTION AND TREATMENT OF BED EXITS, FALLS, AND OTHER CONDITIONS**
[54] **PREVENTION ET TRAITEMENT DE SORTIES DE LIT, DE CHUTES DE LIT ET D'AUTRES ETATS**
[72] SHEN, DANIEL Z., US
[72] LARSON, BARRETT J., US
[72] WECKWERTH, MARK V., US
[71] LEAF HEALTHCARE, INC., US
[85] 2016-05-13
[86] 2014-11-17 (PCT/US2014/066016)
[87] (WO2015/074007)
[30] US (61/905,106) 2013-11-15

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[13] A1
[51] **Int.Cl. C11D 9/18 (2006.01) C11D 9/22 (2006.01) C11D 9/26 (2006.01) C11D 9/48 (2006.01)**
[25] EN
[54] **SOAP BAR FORMULATIONS WITH IMPROVED SKIN SOFTNESS COMPRISING NONIONIC POLYMER STRUCTURING SYSTEM**
[54] **FORMULATIONS DE PAIN DE SAVON AYANT UNE PLUS GRANDE DOUCEUR POUR LA PEAU ET COMPRENANT UN SYSTEME STRUCTURANT POLYMERE NON IONIQUE**
[72] BORTOLAI, GISLENE SPLENDORE, BR
[72] SICHMANN, MARIANGELA GOMES DE OLIVEIRA, BR
[72] CASTANHO, ERIKA, BR
[72] GRIGOLON, LISANNE BEATRIZ, BR
[72] CANTO, CRISTIANE APARECIDA FURTADO, BR
[71] UNILEVER PLC, GB
[85] 2016-05-13
[86] 2014-11-19 (PCT/EP2014/075052)
[87] (WO2015/075086)
[30] EP (13194326.8) 2013-11-25

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[13] A1
[51] **Int.Cl. E04B 1/38 (2006.01) E04B 2/00 (2006.01) E04F 11/035 (2006.01)**
[25] EN
[54] **MODULAR BUILDING CONSTRUCTION USING COMPOSITE INTERCONNECTED FRAME PANELS**
[54] **CONSTRUCTION MODULAIRE DE BATIMENT AU MOYEN DE PANNEAUX COMPOSITES A CADRES INTERCONNECTES**
[72] PRESTON, JOHN, AU
[71] PRESTON, JOHN, AU
[85] 2016-05-16
[86] 2014-10-16 (PCT/AU2014/000976)
[87] (WO2015/054729)
[30] AU (2013903989) 2013-10-16

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[13] A1
[51] **Int.Cl. A61K 8/81 (2006.01) A61K 8/02 (2006.01) A61Q 19/00 (2006.01) C11D 17/04 (2006.01) D06M 15/09 (2006.01)**
[25] EN
[54] **GEL-WIPE FOR PERSONAL CARE AND HOUSEHOLD CLEANSING**
[54] **LINGETTE POURVUE D'UN GEL POUR L'HYGIENE PERSONNELLE ET LE MENAGE**
[72] BRUNING, ELIZABETH, US
[72] DEMARCO, GABRIELLA MARIE, US
[72] GUNN, EUEN THOMAS GRAHAM EKMAN, US
[72] KAMINSKI, CLAUDIA, US
[72] LAHEY, KEVIN, US
[72] MAITRA, PRITHWIRAJ, US
[72] MOSES, SELINA, US
[72] SANTORA, DELORES, US
[71] JOHNSON & JOHNSON CONSUMER, INC., US
[85] 2016-05-13
[86] 2014-12-10 (PCT/US2014/069491)
[87] (WO2015/094850)
[30] US (14/134,123) 2013-12-19

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[13] A1
[51] **Int.Cl. C08G 65/10 (2006.01) C08G 65/12 (2006.01) C08G 65/26 (2006.01)**
[25] EN
[54] **ZINC CATALYST/ADDITIVE SYSTEM FOR THE POLYMERIZATION OF EPOXIDE MONOMERS**
[54] **SYSTEME CATALYSEUR AU ZINC/ADDITIF POUR LA POLYMERISATION DE MONOMERES EPOXYDES**
[72] DAVIS, ANNA V., US
[72] NICKIAS, PETER N., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2016-05-13
[86] 2014-11-18 (PCT/US2014/066076)
[87] (WO2015/077208)
[30] US (61/907,409) 2013-11-22

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[13] A1
[51] **Int.Cl. C08G 65/26 (2006.01) B01J 31/02 (2006.01) C08G 65/10 (2006.01) C08G 65/12 (2006.01)**
[25] EN
[54] **ZINC CATALYST/ADDITIVE SYSTEM FOR THE POLYMERIZATION OF EPOXIDE MONOMERS**
[54] **SYSTEME CATALYSEUR/ADDITIF A BASE DE ZINC POUR LA POLYMERISATION DE MONOMERES EPOXYDES**
[72] DAVIS, ANNA V., US
[72] NICKIAS, PETER N., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2016-05-13
[86] 2014-11-18 (PCT/US2014/066080)
[87] (WO2015/077210)
[30] US (61/907,410) 2013-11-22

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **REMOTE RENDERING FOR EFFICIENT USE OF WIRELESS BANDWIDTH FOR WIRELESS DOCKING**
[54] **RESTITUTION A DISTANCE D'UTILISATION EFFICACE DE LARGEUR DE BANDE SANS FIL D'ACCUEIL SANS FIL**
[72] SUBRAMANIAM, VIJAY NAICKER, US
[72] SHAUKAT, FAWAD, US
[72] TURNER, TYLER JAMES, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-05-13
[86] 2014-12-11 (PCT/US2014/069809)
[87] (WO2015/100026)
[30] US (14/138,945) 2013-12-23

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[13] A1
[51] **Int.Cl. C25B 15/02 (2006.01) C25B 1/46 (2006.01) C25B 9/00 (2006.01) C25B 9/18 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR THE FLEXIBLE USE OF ELECTRICITY**
[54] **DISPOSITIF ET PROCEDE D'UTILISATION SOUPLE DE COURANT**
[72] MARKOWZ, GEORG, DE
[72] MOUSSALLEM, IMAD, DE
[72] SCHUTTE, RUDIGER, DE
[72] LANG, JURGEN ERWIN, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2016-05-13
[86] 2014-11-28 (PCT/EP2014/075881)
[87] (WO2015/082319)
[30] DE (10 2013 224 872.5) 2013-12-04

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[51] **Int.Cl. A61J 1/20 (2006.01)**
[25] EN
[54] **FLUID TRANSFER DEVICES AND METHODS OF USE**
[54] **DISPOSITIFS DE TRANSFERT DE FLUIDES ET PROCEDES D'UTILISATION**
[72] FANGROW, THOMAS F., US
[71] ICU MEDICAL INC., US
[85] 2016-05-13
[86] 2014-11-20 (PCT/US2014/066645)
[87] (WO2015/077466)
[30] US (61/907,995) 2013-11-22

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[13] A1
[51] **Int.Cl. G03G 15/20 (2006.01)**
[25] EN
[54] **LATCH MECHANISM FOR A FUSER ASSEMBLY HAVING A HEAT TRANSFER ROLL**
[54] **MECANISME DE VERROUILLAGE POUR UN ENSEMBLE UNITE DE FUSION AYANT UN ROULEAU DE TRANSFERT DE CHALEUR**
[72] BAYERLE, PETER ALDEN, US
[72] BUCHANAN, JEFFERY JAMES, US
[71] LEXMARK INTERNATIONAL, INC., US
[85] 2016-05-13
[86] 2014-12-18 (PCT/US2014/071110)
[87] (WO2015/095496)
[30] US (14/137,609) 2013-12-20

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[13] A1
[51] **Int.Cl. C07D 471/12 (2006.01) A61K 31/437 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **TETRACYCLIC AUTOTAXIN INHIBITORS**
[54] **INHIBITEURS D'AUTOTAXINE TETRACYCLIQUE**
[72] HUTCHINSON, JOHN HOWARD, US
[72] LONERGAN, DAVID, US
[72] ROWBOTTOM, MARTIN, US
[72] LAI, ANDILIY GOKCHING, US
[71] PHARMAKEA, INC., US
[85] 2016-05-13
[86] 2014-11-20 (PCT/US2014/066705)
[87] (WO2015/077502)
[30] US (61/907,947) 2013-11-22
[30] US (62/038,093) 2014-08-15

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[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/404 (2006.01) A61K 31/4178 (2006.01) A61P 11/00 (2006.01) C07D 403/14 (2006.01)**
[25] EN
[54] **AUTOTAXIN INHIBITOR COMPOUNDS**
[54] **COMPOSES INHIBITEURS DE L'AUTOTAXINE**
[72] HUTCHINSON, JOHN HOWARD, US
[72] LONERGAN, DAVID, US
[71] PHARMAKEA, INC., US
[85] 2016-05-13
[86] 2014-11-20 (PCT/US2014/066706)
[87] (WO2015/077503)
[30] US (61/907,965) 2013-11-22
[30] US (62/038,121) 2014-08-15

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[51] **Int.Cl. C25D 5/12 (2006.01) C23C 18/32 (2006.01) C25D 5/48 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD FOR INHIBITING CORROSION**
[54] **COMPOSITION ET METHODE POUR INHIBER LA CORROSION**
[72] LAWLESS, LAWRENCE M., US
[72] GRIFFIN, BRUCE M., US
[72] SCOTT, CRAIG W., US
[71] THE BOEING COMPANY, US
[85] 2016-05-13
[86] 2014-12-21 (PCT/US2014/071771)
[87] (WO2015/102969)
[30] US (14/146,768) 2014-01-03

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **CONFORMAL SENSOR SYSTEMS FOR SENSING AND ANALYSIS OF CARDIAC ACTIVITY**
[54] **SYSTEMES DE CAPTEURS CONFORMES POUR LA DETECTION ET L'ANALYSE DE L'ACTIVITE CARDIAQUE**
[72] HUPPERT, GILBERT LEE, US
[72] GHAFFARI, ROOZBEH, US
[72] CERUOLO, MELISSA, US
[72] KEEN, BRYAN, US
[71] MC10, INC., US
[85] 2016-05-13
[86] 2014-11-21 (PCT/US2014/066810)
[87] (WO2015/077559)
[30] US (61/907,973) 2013-11-22
[30] US (61/907,991) 2013-11-22

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[51] **Int.Cl. F16K 37/00 (2006.01) F16K 31/04 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO DIAGNOSE A VALVE USING ELECTRIC VALVE ACTUATORS**
[54] **PROCEDES ET APPAREIL DESTINES A DIAGNOSTIQUER UNE SOUPAPE EN UTILISANT DES ACTIONNEURS DE SOUPAPE ELECTRIQUES**
[72] EISENBEIS, CLYDE T., US
[72] PESEK, THOMAS, US
[72] SCHADE, ROSS ARTHUR, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2016-05-13
[86] 2014-11-24 (PCT/US2014/067007)
[87] (WO2015/077673)
[30] US (61/908,377) 2013-11-25

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[51] **Int.Cl. C07D 455/06 (2006.01) A61K 31/4745 (2006.01) C07C 221/00 (2006.01) C07C 225/06 (2006.01) C07C 231/02 (2006.01) C07C 233/25 (2006.01) C07D 217/02 (2006.01)**
[25] EN
[54] **METHODS OF MANUFACTURING BENZOQUINOLINE COMPOUNDS**
[54] **PROCEDES DE PRODUCTION DE COMPOSES DE BENZOQUINOLINE**
[72] ZHANG, CHENGZHI, US
[71] AUSPEX PHARMACEUTICALS, INC., US
[85] 2016-05-13
[86] 2014-11-24 (PCT/US2014/067117)
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[30] US (61/911,214) 2013-12-03

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[51] **Int.Cl. A61B 1/00 (2006.01)**
[25] EN
[54] **GRIPPING DEVICE**
[54] **DISPOSITIF DE PREHENSION**
[72] RAMSEY, PETER, GB
[71] MEDITECH ENDOSCOPY LTD, GB
[85] 2016-05-16
[86] 2014-11-17 (PCT/GB2014/053390)
[87] (WO2015/071688)
[30] GB (1320336.9) 2013-11-18
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[51] **Int.Cl. B01D 53/62 (2006.01) A01G 15/00 (2006.01)**
[25] EN
[54] **ABSORPTION OF ATMOSPHERIC CARBON DIOXIDE**
[54] **ABSORPTION DE DIOXYDE DE CARBONE ATMOSPHERIQUE**
[72] MUFFETT, RUTH, AU
[72] DOUGLAS, DELWYN, AU
[71] MUFFETT, RUTH, AU
[85] 2016-05-16
[86] 2014-11-21 (PCT/AU2014/001067)
[87] (WO2015/074104)
[30] AU (2013904514) 2013-11-21

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[51] **Int.Cl. C09D 167/08 (2006.01) C09F 9/00 (2006.01)**
[25] EN
[54] **DRIER COMPOSITION AND USE THEREOF**
[54] **COMPOSITION DE SICCATIF ET SON UTILISATION**
[72] ANG, TJIAN HONG, NL
[72] WEIJNEN, JOHN, NL
[71] PPG EUROPE B.V., NL
[85] 2016-05-16
[86] 2014-12-03 (PCT/EP2014/076431)
[87] (WO2015/082553)
[30] EP (PCT/EP2013/075430) 2013-12-03

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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 29/02 (2006.01) E21B 29/08 (2006.01) F16K 7/07 (2006.01)**
[25] EN
[54] **IMPROVED TOOL**
[54] **OUTIL PERFECTIONNE**
[72] OAG, JAMES GEORGE, GB
[72] YOUNGER, RAE ANDREW, GB
[72] MCKAY, SIMON, GB
[71] SPEX SERVICES LIMITED, GB
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2016-05-16
[86] 2014-11-18 (PCT/GB2014/053398)
[87] (WO2015/075428)
[30] GB (1320435.9) 2013-11-19

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[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR LOCATION-BASED FINANCIAL TRANSACTION AUTHENTICATION**
[54] **SYSTEME ET PROCEDE PERMETTANT UNE AUTHENTIFICATION DE TRANSACTIONS FINANCIERES SUR LA BASE D'UN EMPLACEMENT**
[72] MALEK, BEHZAD, CA
[72] MIRI, ALI, CA
[71] MALEK, BEHZAD, CA
[71] MIRI, ALI, CA
[85] 2016-05-16
[86] 2012-11-15 (PCT/CA2012/001049)
[87] (WO2014/075162)

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[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **PYRAZOLOPYRIDINE DERIVATIVES AS MODULATORS OF TNF ACTIVITY**
[54] **DERIVES DE PYRAZOLOPYRIDINE COMME MODULATEURS DE L'ACTIVITE DU TNF**
[72] BROOKINGS, DANIEL CHRISTOPHER, GB
[72] JACKSON, VICTORIA ELIZABETH, GB
[72] KROEPLIEN, BORIS, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2016-05-16
[86] 2014-12-08 (PCT/EP2014/076840)
[87] (WO2015/086502)
[30] GB (1321733.6) 2013-12-09

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[51] **Int.Cl. A61B 6/00 (2006.01) A61B 5/055 (2006.01) G01B 5/008 (2006.01) G01B 5/20 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD OF INTRACRANIAL IMAGING**
[54] **APPAREIL ET PROCEDE D'IMAGERIE INTRACRANIENNE**
[72] RILEY, JASON DAVID RICHARD, CA
[72] SINGH, VINAY KUMAR, CA
[71] ARCHEOPTIX BIOMEDICAL INC., CA
[85] 2016-05-16
[86] 2014-11-12 (PCT/CA2014/051086)
[87] (WO2015/070348)
[30] US (61/904,559) 2013-11-15

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 29/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **TETRAHYDROIMIDAZOPYRIDINE DERIVATIVES AS MODULATORS OF TNF ACTIVITY**
[54] **DERIVES DE TETRAHYDROIMIDAZOPYRIDINE COMME MODULATEURS DE L'ACTIVITE DU TNF**
[72] JACKSON, VICTORIA ELIZABETH, GB
[72] KROEPLIEN, BORIS, GB
[72] LOWE, MARTIN ALEXANDER, GB
[72] PORTER, JOHN ROBERT, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2016-05-16
[86] 2014-12-08 (PCT/EP2014/076872)
[87] (WO2015/086520)
[30] GB (1321748.4) 2013-12-09

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[13] A1
[51] **Int.Cl. E21B 33/127 (2006.01) E21B 7/20 (2006.01) E21B 17/08 (2006.01) E21B 17/10 (2006.01)**
[25] EN
[54] **A DOWNHOLE PRODUCTION CASING STRING**
[54] **COLONNE DE TUBAGE DE PRODUCTION DE FOND**
[72] VASQUES, RICARDO REVES, DK
[72] KUMAR, SATISH, DK
[72] BERGMANN, LINE, DK
[71] WELLTEC A/S, DK
[85] 2016-05-13
[86] 2014-11-28 (PCT/EP2014/075892)
[87] (WO2015/079003)
[30] EP (13195030.5) 2013-11-29

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[51] **Int.Cl. A23F 5/16 (2006.01) A23F 5/10 (2006.01) B65D 81/20 (2006.01) B65D 90/44 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ACCELERATED OR CONTROLLED DEGASSING OF ROASTED COFFEE**
[54] **PROCEDE ET APPAREIL POUR LE DEGAZAGE ACCELERE OU CONTROLE DE CAFE TORREFIE**
[72] FU, YUCHENG, CA
[72] LEUNG, STEPHEN, CA
[71] 2266170 ONTARIO INC., CA
[85] 2016-05-16
[86] 2014-11-20 (PCT/CA2014/051107)
[87] (WO2015/074149)
[30] US (61/906,513) 2013-11-20

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[13] A1
[51] **Int.Cl. C22B 30/02 (2006.01) C22B 30/04 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING LEAD ANODE SLIME**
[54] **PROCEDE DE TRAITEMENT DE BOUES ANODIQUES ASSOCIEES A UNE ANODE EN PLOMB**
[72] BERG, GUNNAR, SE
[72] MALIARIK, MIKHAIL, SE
[72] OGREN, BERT, SE
[71] OUTOTEC (FINLAND) OY, FI
[85] 2016-05-13
[86] 2014-11-19 (PCT/FI2014/050885)
[87] (WO2015/075312)
[30] FI (20136164) 2013-11-21

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[13] A1
[51] **Int.Cl. C22B 1/02 (2006.01) C22B 34/24 (2006.01)**
[25] EN
[54] **ROASTING OF SULFUR-POOR METAL OXIDE CONCENTRATES**
[54] **GRILLAGE DE CONCENTRES D'OXYDES METALLIQUES PAUVRES EN COMPOSES SOUFRES**
[72] METSARINTA, MAIJA-LEENA, FI
[72] LIIPO, JUSSI, FI
[72] RUNKEL, MARCUS, US
[71] OUTOTEC (FINLAND) OY, FI
[85] 2016-05-16
[86] 2013-11-27 (PCT/EP2013/074831)
[87] (WO2015/078493)

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[13] A1
[51] **Int.Cl. H04W 4/00 (2009.01) H04W 80/12 (2009.01) H04W 88/02 (2009.01) B60W 50/14 (2012.01) B60K 31/18 (2006.01) B60K 35/00 (2006.01) B60Q 1/26 (2006.01) B60W 30/08 (2012.01)**
[25] EN
[54] **VEHICLE COMMUNICATIONS VIA WIRELESS ACCESS VEHICULAR ENVIRONMENT**
[54] **COMMUNICATIONS DANS DES VEHICULES PAR L'INTERMEDIAIRE D'UN ENVIRONNEMENT DE VEHICULE A ACCES SANS FIL**
[72] NATHANSON, MARTIN D., CA
[72] FAIRBANKS, NEAL, US
[71] PAXGRID TELEMETRIC SYSTEMS INC., US
[85] 2016-05-13
[86] 2014-01-09 (PCT/IB2014/000811)
[87] (WO2014/118647)
[30] US (61/750,630) 2013-01-09
[30] US (61/883,594) 2013-09-27

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[13] A1
[51] **Int.Cl. B29C 59/00 (2006.01) B29C 59/16 (2006.01) B65D 75/58 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS RELATING TO BEVERAGE CAPSULES**
[54] **PROCEDE ET APPAREIL SE RAPPORTANT A DES CAPSULES POUR BOISSON**
[72] MELROSE, JOHN, GB
[72] HALLIDAY, ANDREW, GB
[72] JELLEY, SIMON PHILIP, GB
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2016-05-13
[86] 2014-11-19 (PCT/IB2014/002626)
[87] (WO2015/075543)
[30] GB (1320483.9) 2013-11-20

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[13] A1
[51] **Int.Cl. G02C 7/02 (2006.01)**
[25] EN
[54] **A METHOD FOR PROVIDING TO A WEARER A CUSTOMIZED PROGRESSIVE SPECTACLE OPHTHALMIC LENS**
[54] **PROCEDE PERMETTANT DE FOURNIR A UNE PERSONNE UN VERRE DE LUNETTES PROGRESSIF PERSONNALISE**
[72] MARIN, GILDAS, FR
[72] HERNANDEZ CASTANEDA, MARTHA, FR
[72] CALIXTE, LAURENT, FR
[71] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[85] 2016-05-16
[86] 2014-08-27 (PCT/EP2014/068191)
[87] (WO2015/074777)
[30] EP (13306605.0) 2013-11-25

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[13] A1
[51] **Int.Cl. C12P 5/00 (2006.01) C12N 5/00 (2006.01) C12P 17/04 (2006.01)**
[25] EN
[54] **PRODUCTION OF THAPSIGARGINS BY THAPSIA CELL SUSPENSION CULTURE**
[54] **PRODUCTION DE THAPSIGARGINES PAR CULTURE EN SUSPENSION DE CELLULES DE THAPSIA**
[72] GORR, GILBERT, DE
[72] HECKENMULLER, HARALD, DE
[72] WILKE, JENS STEFAN, DE
[72] ULLISCH, DAVID ALEXANDER, DE
[72] SANKAR-THOMAS, YANTREE DEVI, DE
[71] PHYTON HOLDINGS, LLC, US
[85] 2016-05-13
[86] 2014-12-02 (PCT/IB2014/002638)
[87] (WO2015/082978)
[30] US (61/910,919) 2013-12-02

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[13] A1
[51] **Int.Cl. B23K 26/21 (2014.01) B21C 37/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR MANUFACTURING WELDED SHAPED STEEL**
[54] **DISPOSITIF ET PROCEDE DE FABRICATION D'ACIER PROFILE SOUDE**
[72] SAKURADA, YASUHIRO, JP
[72] IENARI, TOORU, JP
[72] ASADA, HIROSHI, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2016-05-13
[86] 2014-03-13 (PCT/JP2014/056632)
[87] (WO2015/072158)
[30] JP (2013-235989) 2013-11-14

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[13] A1
[51] **Int.Cl. C25D 11/18 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD FOR INHIBITING CORROSION OF AN ANODIZED MATERIAL**
[54] **COMPOSITION ET PROCEDE POUR INHIBER LA CORROSION D'UN MATERIAU ANODISE**
[72] LAWLESS, LARRY M., US
[72] GRIFFIN, BRUCE M., US
[71] THE BOEING COMPANY, US
[85] 2016-05-13
[86] 2014-12-21 (PCT/US2014/071772)
[87] (WO2015/102970)
[30] US (14/146,777) 2014-01-03

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[13] A1
[51] **Int.Cl. G06F 13/00 (2006.01) H04L 12/70 (2013.01) H04M 3/56 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM, COMMUNICATION SYSTEM, COMPUTER PROGRAM, CONTROLLING METHOD, AND COMPUTER PROGRAM PRODUCT**
[54] **SYSTEME DE COMMANDE, SYSTEME DE COMMUNICATION, PROGRAMME INFORMATIQUE, PROCEDE DE COMMANDE ET PRODUIT PROGRAMME D'ORDINATEUR**
[72] UMEHARA, NAOKI, JP
[71] RICOH COMPANY, LIMITED, JP
[85] 2016-05-13
[86] 2014-11-18 (PCT/JP2014/080991)
[87] (WO2015/072582)
[30] JP (2013-237632) 2013-11-18

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[13] A1
[51] **Int.Cl. A47C 16/00 (2006.01) A47C 7/38 (2006.01)**
[25] EN
[54] **A NECK REST WITH A HOLDING MECHANISM**
[54] **APPUI-NUQUE DOTE D'UN MECANISME DE RETENUE**
[72] LANGE, JESPER J., DK
[71] LASCH HOLDING APS, DK
[85] 2016-05-16
[86] 2014-11-13 (PCT/EP2014/074505)
[87] (WO2015/074947)
[30] DK (PA 2013 70710) 2013-11-20

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[13] A1
[51] **Int.Cl. H04N 5/262 (2006.01) G06T 19/00 (2011.01) G02B 27/02 (2006.01)**
[25] EN
[54] **CALIBRATION OF VIRTUAL REALITY SYSTEMS**
[54] **ETALONNAGE DE SYSTEMES DE REALITE VIRTUELLE**
[72] KATZ, DOV, US
[72] SHINE, JONATHAN, US
[72] MILLER, ROBIN, US
[72] KATSEV, MAKSYM, US
[72] KONZEN, NEIL, US
[72] LAVALLE, STEVE, US
[72] ANTONOV, MICHAEL, US
[71] OCULUS VR, LLC, US
[85] 2016-05-13
[86] 2015-01-06 (PCT/US2015/010344)
[87] (WO2015/103621)
[30] US (61/923,895) 2014-01-06
[30] US (62/088,088) 2014-12-05
[30] US (62/088,085) 2014-12-05
[30] US (14/589,755) 2015-01-05
[30] US (14/589,774) 2015-01-05

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[13] A1
[51] **Int.Cl. E01F 15/06 (2006.01) E04H 17/12 (2006.01)**
[25] EN
[54] **A POST**
[54] **MONTANT**
[72] JAMES, DALLAS REX, NZ
[72] ROGERS, JASON PAUL, NZ
[71] VALMONT HIGHWAY TECHNOLOGY LIMITED, NZ
[85] 2016-05-13
[86] 2013-11-12 (PCT/NZ2013/000203)
[87] (WO2014/077701)
[30] NZ (603600) 2012-11-14

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[13] A1
[51] **Int.Cl. C08G 18/67 (2006.01) C08F 290/06 (2006.01) C08G 18/08 (2006.01) C08G 18/42 (2006.01) C09D 175/14 (2006.01) C09D 175/16 (2006.01)**
[25] EN
[54] **AQUEOUS COATING COMPOSITION AND PRODUCTION OF MULTICOAT PAINT SYSTEMS USING SAID COATING COMPOSITION**
[54] **AGENT DE REVETEMENT AQUEUX ET PRODUCTION DE LAQUAGES MULTICOUCHES EN UTILISANT L'AGENT DE REVETEMENT**
[72] STEINMETZ, BERNHARD, DE
[72] JANKOWSKI, PEGGY, DE
[72] LUHMANN, NADIA, DE
[72] MATURA, MICHAEL, DE
[72] REUTER, HARDY, DE
[72] HOFFMANN, PETER, DE
[71] BASF COATINGS GMBH, DE
[85] 2016-05-16
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[87] (WO2015/090807)
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[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO POWER SUPPLY SYSTEMS**
[54] **AMELIORATIONS DE SYSTEMES D'ALIMENTATION ELECTRIQUES ET AMELIORATIONS RELATIVES A CEUX-CI**
[72] CUNNINGHAM, ANDREW WILLIAM, NZ
[71] HUNZA HOLDINGS LIMITED, NZ
[85] 2016-05-13
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[87] (WO2014/077703)
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[51] **Int.Cl. B05D 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A MULTICOAT PAINT SYSTEM**
[54] **PROCEDE SERVANT A PRODUIRE UN LAQUAGE MULTICOUCHE**
[72] REUTER, HARDY, DE
[72] STEINMETZ, BERNHARD, DE
[72] BLOHM, MATTHIAS, DE
[72] TEICHMANN, CARSTEN, DE
[72] GOB, BIANCA, DE
[71] BASF COATINGS GMBH, DE
[85] 2016-05-16
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[87] (WO2015/090814)
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[25] EN
[54] **SHELL FOR A MEDICAMENT DELIVERY DEVICE**
[54] **COQUE POUR UN DISPOSITIF D'ADMINISTRATION DE MEDICAMENTS**
[72] CHANG, WEN-AN, TW
[72] CHEN, HSUEH-YI, TW
[72] SU, CHIA-HSIN, TW
[71] CAREBAY EUROPE LTD, MT
[85] 2016-05-16
[86] 2014-11-20 (PCT/EP2014/075101)
[87] (WO2015/078758)
[30] SE (1351416-1) 2013-11-28

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[51] **Int.Cl. C12N 5/0783 (2010.01) A61K 35/17 (2015.01) A61K 35/14 (2015.01) C12N 5/16 (2006.01) C12N 5/22 (2006.01)**
[25] EN
[54] **METHOD FOR GENERATING BATCHES OF ALLOGENEIC T CELLS WITH AVERAGED POTENCY**
[54] **PROCEDE POUR GENERER DES LOTS DE CELLULES T ALLOGENIQUES DONT LA PUISSANCE A ETE MOYENNEE**
[72] SOURDIVE, DAVID, FR
[72] DESSEAUX, CAROLE, FR
[72] SCHARENBERG, ANDREW, US
[71] CELLECTIS, FR
[85] 2016-05-16
[86] 2014-11-21 (PCT/EP2014/075258)
[87] (WO2015/075175)
[30] DK (PA201370718) 2013-11-22

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[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **DETECTION OF NUCLEIC ACIDS BY STRAND INVASION BASED AMPLIFICATION**
[54] **DETECTION D'ACIDES NUCLEIQUES PAR AMPLIFICATION BASEE SUR L'INVASION DE BRIN**
[72] EBOIGBODIN, KEVIN, FI
[72] BRUMMER, MIRKO, FI
[71] ORION DIAGNOSTICA OY, FI
[85] 2016-05-16
[86] 2014-11-21 (PCT/EP2014/075321)
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[25] EN
[54] **ARRANGEMENT WITH A CONCRETE FOUNDATION AND A TOWER AND A METHOD FOR ERECTING A TOWER**
[54] **ENSEMBLE COMPRENANT UNE FONDATION EN BETON ET UNE TOUR ET PROCEDE D'ERECTION D'UNE TOUR**
[72] COORDES, THOMAS, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2016-05-16
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[87] (WO2015/090861)
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[25] FR
[54] **ENSEMBLE ROULANT PERFECTIONNE**
[54] **IMPROVED RUNNING ASSEMBLY**
[72] AHOUANTO, MICHEL, FR
[72] MERINO, JOSE, FR
[72] PINEAU, JACKY, FR
[72] TOPIN, ARTHUR, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[85] 2016-05-16
[86] 2014-12-10 (PCT/EP2014/077179)
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[51] **Int.Cl. C09K 8/68 (2006.01)**
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[54] **IMPROVED GEL STABILITY**
[54] **STABILITE DE GEL AMELIOREE**
[72] GANTENBEIN, DANIEL, CH
[72] SCHOELKOPF, JOACHIM, CH
[72] GANE, PATRICK A.C., CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2016-05-16
[86] 2014-12-12 (PCT/EP2014/077538)
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[25] EN
[54] **BIOMARKER FOR CARDIAC DISORDERS**
[54] **BIOMARQUEURS DE TROUBLES CARDIAQUES**
[72] PEMBERTON, CHRISTOPHER JOSEPH, NZ
[72] LEE, JACQUELINE AMANDA, NZ
[71] OTAGO INNOVATION LIMITED, NZ
[85] 2016-05-13
[86] 2014-11-14 (PCT/NZ2014/000234)
[87] (WO2015/072865)
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[51] **Int.Cl. C12N 9/24 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **ENZYME-COMPOSITION FOR HYDROLYZING BIOMASS**
[54] **COMPOSITION ENZYMATIQUE POUR L'HYDROLYSE DE BIOMASSE**
[72] REISINGER, CHRISTOPH, DE
[72] ROECHER, LUTZ, DE
[72] KRAUS, MICHAEL, DE
[72] GAMAUF, CHRISTIAN, DE
[71] CLARIANT INTERNATIONAL LTD., CH
[85] 2016-05-16
[86] 2014-12-15 (PCT/EP2014/077833)
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[30] EP (13006045.2) 2013-12-23

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[51] **Int.Cl. A23F 3/20 (2006.01) A23F 3/30 (2006.01) A23F 3/38 (2006.01)**
[25] EN
[54] **METHODS FOR INCREASING THE CLARITY AND REFRESHING ATTRIBUTES AND REDUCING THE BITTERNESS AND ASTRINGENCY OF GREEN TEA**
[54] **PROCEDES POUR AUGMENTER LES CARACTERISTIQUES DE LIMPIDITE ET DE RAFRAICHISSEMENT ET REDUIRE L'AMERTUME ET L'ASTRINGENCE DU THE VERT**
[72] CILLIERS, JOHANNES, US
[72] CARNS, LAWRENCE, US
[71] NESTEC S.A., CH
[85] 2016-05-16
[86] 2014-12-16 (PCT/EP2014/078084)
[87] (WO2015/091568)
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[25] EN
[54] **HYBRID TRIGENERATION SYSTEM MICROGRID COMBINED COOLING, HEAT AND POWER PROVIDING HEATING, COOLING, ELECTRICAL GENERATION AND ENERGY STORAGE USING AN INTEGRATED AUTOMATION SYSTEM FOR MONITOR, ANALYSIS AND CONTROL**
[54] **MICRO-RESEAU FONDE SUR UN SYSTEME DE TRIGENERATION HYBRIDE DE REFROIDISSEMENT, DE CHALEUR ET D'ENERGIE COMBINES FOURNISSANT LE CHAUFFAGE, LE REFROIDISSEMENT ET LA GENERATION D'ELECTRICITE ET UN STOCKAGE D'ENERGIE A L'AIDE D'UN SYSTEME D'AUTOMATISATION INTEGRE POUR LE CONTROLE, L'ANALYSE ET LA COMMANDE**
[72] FRIESTH, KEVIN LEE, US
[71] FRIESTH, KEVIN LEE, US
[85] 2016-05-13
[86] 2013-11-15 (PCT/US2013/070313)
[87] (WO2014/078659)
[30] US (61/727,108) 2012-11-15
[30] US (61/859,377) 2013-07-29
[30] US (61/877,467) 2013-09-13
[30] US (61/886,213) 2013-10-03
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[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/113 (2010.01) A61K 31/7105 (2006.01) A61P 35/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **MIRNAS AS NOVEL THERAPEUTIC ADJUVANTS AND BIOMARKERS FOR THE PROGNOSIS AND TREATMENT OF DRUG RESISTANT BREAST CANCERS**
[54] **MIARN UTILISES COMME NOUVEAUX ADJUVANTS THERAPEUTIQUES ET BIOMARQUEURS DU PRONOSTIC ET DU TRAITEMENT DU CANCER DU SEIN CHIMIORESISTANT**
[72] RAO, MANJEET K., US
[72] IMAM, JAAFER S., US
[72] ZOGHI, BEHYAR, US
[72] CHANG, YAO-FU, US
[72] SUBBARAYALU, PANNEERDOSS, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2016-05-13
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[51] **Int.Cl. F16L 5/04 (2006.01) H02G 3/04 (2006.01) H02G 3/22 (2006.01)**
[25] EN
[54] **DEVICE FOR PASSING PIPES OR CABLES THROUGH AN OPENING IN A BUILDING**
[54] **DISPOSITIF DE PASSAGE DE TUYAUX OU DE CABLES A TRAVERS UN ORIFICE D'UN BATIMENT**
[72] SEMLER, RUDOLF, DE
[72] MONDEN, THOMAS, DE
[72] PAETOW, MARIO, DE
[72] FORG, CHRISTIAN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2016-05-13
[86] 2014-12-02 (PCT/EP2014/076168)
[87] (WO2015/086367)
[30] EP (13196170.8) 2013-12-09

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[25] EN
[54] **INTEGRATED PROCESS FOR PRODUCING HYDROCARBONS**
[54] **PROCEDE INTEGRE DE PRODUCTION D'HYDROCARBURES**
[72] EILOS, ISTO, FI
[71] UPM-KYMMENE CORPORATION, FI
[85] 2016-05-16
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[87] (WO2015/075315)
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[51] **Int.Cl. G01N 21/64 (2006.01) B01L 3/00 (2006.01)**
[25] EN
[54] **OPTICAL ALIGNMENT TOOL**
[54] **OUTIL D'ALIGNEMENT OPTIQUE**
[72] EARNEY, JOHN, US
[72] WATSON, DAKOTA, US
[72] PINTO, JOSEPH, US
[71] ILLUMINA, INC., US
[85] 2016-02-26
[86] 2014-08-28 (PCT/US2014/053124)
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[30] US (61/871,181) 2013-08-28

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[51] **Int.Cl. A47L 13/12 (2006.01)**
[25] EN
[54] **MOP WITH REMOVABLE SECONDARY CLEANING HEAD**
[54] **BALAI A FRANGES AYANT UNE TETE DE NETTOYAGE SECONDAIRE AMOVIBLE**
[72] ESCOBAR, JUAN CARLOS, US
[72] WIGHT, DAVID COLIE, US
[72] DUNNINGTON, CLAIRE AFTON, US
[72] VALDERRAMA, VICENTE JORGE, US
[72] FARRELL, HEIDI SERENE, US
[72] SCHLEGEL, REID, US
[72] MALLIER, ANTHONY BEVIN, US
[71] HELEN OF TROY LIMITED, BB
[85] 2016-05-13
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[30] US (61/930,038) 2014-01-22

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[51] **Int.Cl. G06F 9/30 (2006.01) G06F 21/54 (2013.01) G06F 9/44 (2006.01)**
[25] EN
[54] **INTERCEPTING AND SUPERVISING CALLS TO TRANSFORMED OPERATIONS AND OBJECTS**
[54] **INTERCEPTION ET SUPERVISION D'APPELS POUR DES OPERATIONS ET DES OBJETS TRANSFORMES**
[72] ZHOU, XIAOMING, US
[72] HOOVER, ROGER, US
[72] SHEKYAN, SERGEY, US
[72] CALL, JUSTIN, US
[71] SHAPE SECURITY, INC., US
[85] 2016-05-13
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[51] **Int.Cl. C09K 8/62 (2006.01) C09K 8/80 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR CREATING HIGH CONDUCTIVITY FRACTURES**
[54] **PROCEDES ET SYSTEME DE CREATION DE FRACTURES DE CONDUCTIVITE ELEVEE**
[72] SAINI, RAJESH K., US
[72] SMITH, CLAYTON S., US
[72] SAMUEL, MATHEW M., US
[72] SMITH, KERN L., US
[72] HWANG, CHIH-CHAU, US
[72] VIGDERMAN, LEONID, US
[72] TREYBIG, DUANE, US
[71] LUBRIZOL OILFIELD SOLUTIONS, INC., US
[85] 2016-05-16
[86] 2014-11-18 (PCT/IB2014/002490)
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[30] US (61/905,340) 2013-11-18
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[51] **Int.Cl. A47G 29/087 (2006.01) F16B 47/00 (2006.01)**
[25] EN
[54] **ARTICLE SUPPORT USING PEEL RELEASE ADHESIVES**
[54] **SUPPORT D'ARTICLE UTILISANT DES ADHESIFS A LIBERATION PAR DECOLLEMENT**
[72] RUNGE, MICHAEL B., US
[72] SHERIDAN, MARGARET M., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2016-05-13
[86] 2015-06-04 (PCT/US2015/034104)
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[51] **Int.Cl. A61M 25/14 (2006.01) A61N 1/04 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR ASSISTED BREATHING BY TRANSVASCULAR NERVE STIMULATION**
[54] **APPAREIL ET PROCEDES D'ASSISTANCE RESPIRATOIRE PAR STIMULATION NERVEUSE TRANSVASCULAIRE**
[72] HOFFER, JOAQUIN ANDRES, CA
[72] EVANS, DOUGLAS, US
[72] NASH, JOHN, US
[72] REYNOLDS, STEVEN CAMPBELL, CA
[72] THAKKAR, VIRAL, CA
[72] TRAN, BAO DUNG, CA
[71] SIMON FRASER UNIVERSITY, CA
[85] 2016-05-16
[86] 2014-11-21 (PCT/IB2014/002937)
[87] (WO2015/075548)
[30] US (61/907,993) 2013-11-22

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[13] A1
[51] **Int.Cl. E21B 29/02 (2006.01)**
[25] EN
[54] **IMPROVED TOOL**
[54] **OUTIL PERFECTIONNE**
[72] YOUNGER, RAE ANDREW, GB
[72] MCKAY, SIMON, GB
[72] OAG, JAMES GEORGE, GB
[71] SPEX SERVICES LIMITED, GB
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2016-05-16
[86] 2014-11-18 (PCT/GB2014/053399)
[87] (WO2015/075429)
[30] GB (1320429.2) 2013-11-19
[30] GB (1321299.8) 2013-12-03

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[13] A1
[51] **Int.Cl. C25B 1/04 (2006.01) C07C 1/04 (2006.01) C07C 1/12 (2006.01) C25B 1/00 (2006.01) C25B 15/02 (2006.01)**
[25] FR
[54] **METHOD FOR OPERATING AN SOEC-TYPE STACK REACTOR FOR PRODUCING METHANE IN THE ABSENCE OF AVAILABLE ELECTRICITY**
[54] **PROCEDE DE FONCTIONNEMENT D'UN REACTEUR A EMPILEMENT DE TYPE SOEC POUR PRODUIRE DU METHANE, EN L'ABSENCE D'ELECTRICITE DISPONIBLE**
[72] REYTIER, MAGALI, FR
[72] PETITJEAN, MARIE, FR
[72] ROUX, GUILHEM, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2016-05-16
[86] 2014-11-19 (PCT/IB2014/066171)
[87] (WO2015/083024)
[30] FR (1362024) 2013-12-03

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[51] **Int.Cl. B29C 70/44 (2006.01) B29C 43/10 (2006.01) B30B 1/00 (2006.01)**
[25] FR
[54] **METHOD FOR IMPREGNATION OF A FIBROUS PREFORM AND DEVICE FOR IMPLEMENTATION OF THE SAID METHOD**
[54] **PROCEDE D'IMPREGNATION D'UNE PREFORME FIBREUSE ET DISPOSITIF POUR LA MISE EN OEUVRE DE CE PROCEDE**
[72] HENRIO, PHILIPPE, FR
[72] GODON, THIERRY, FR
[71] SNECMA, FR
[71] SAFRAN, FR
[85] 2016-05-16
[86] 2014-11-25 (PCT/FR2014/053032)
[87] (WO2015/082801)
[30] FR (1362102) 2013-12-04

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/00 (2006.01) A61K 51/00 (2006.01)**
[25] EN
[54] **CAVITATION-INDUCING POLYMERIC NANOPARTICLES**
[54] **NANOPARTICULES POLYMERIQUES INDUISANT LA CAVITATION**
[72] KWAN, JAMES, GB
[72] MYERS, RACHEL, GB
[72] COUSSIOS, CONSTANTIN-CASSIOS, GB
[72] SHAH, APURVA, GB
[71] ISIS INNOVATION LIMITED, GB
[85] 2016-05-16
[86] 2014-11-19 (PCT/GB2014/053416)
[87] (WO2015/075442)
[30] GB (1320413.6) 2013-11-19

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[13] A1
[51] **Int.Cl. F16K 31/40 (2006.01)**
[25] EN
[54] **"VALVE, IN PARTICULAR WATER DISCHARGE VALVE FOR TOILETS"**
[54] **VANNE, EN PARTICULIER VANNE D'EVACUATION D'EAU POUR TOILETTES**
[72] MARCANTONIO, VINCENZO, IT
[71] R.P.E. S.R.L., IT
[85] 2016-05-16
[86] 2014-11-19 (PCT/IB2014/066173)
[87] (WO2015/075651)
[30] IT (MI2013U000403) 2013-11-19

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[51] **Int.Cl. A61K 31/185 (2006.01) A61K 31/095 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING RADIATION INDUCED GASTROINTESTINAL TRACT INJURY**
[54] **PROCEDES POUR TRAITER UNE LESION DE TRACTUS GASTRO-INTESTINAL INDUITE PAR UN RAYONNEMENT**
[72] BARAK, NIR, IL
[71] RDD PHARMA LTD., IL
[85] 2016-05-16
[86] 2014-11-16 (PCT/IL2014/050992)
[87] (WO2015/071910)
[30] US (61/905,222) 2013-11-17

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[51] **Int.Cl. C04B 28/02 (2006.01) C04B 28/04 (2006.01) C04B 40/00 (2006.01)**
[25] EN
[54] **CRACK REDUCING ADMIXTURE FOR CEMENTITIOUS COMPOSITIONS**
[54] **MELANGE REDUISANT LES FISSURES POUR COMPOSITIONS CIMENTAIRES**
[72] SCHAEF, STEVE, US
[72] ATTIOGBE, EMMANUEL, US
[72] KEROBO, CHARLES, US
[72] MUSSIG, STEFAN, DE
[72] VOJTKO, DANIEL, US
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[85] 2016-05-16
[86] 2014-11-21 (PCT/IB2014/066247)
[87] (WO2015/075687)
[30] US (61/907,779) 2013-11-22

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[13] A1
[51] **Int.Cl. A61L 24/04 (2006.01)**
[25] EN
[54] **SKIN COMPATIBLE CURING ADHESIVES FOR ADHERING DEVICES TO MAMMALIAN BODY**
[54] **ADHESIFS DURCISSANTS COMPATIBLES AVEC LA PEAU, DESTINES A FAIRE ADHERER DES DISPOSITIFS SUR LE CORPS D'UN MAMMIFERE**
[72] PEARCE, LLOYD, GB
[72] SAMBASIVAM, MAHESH, US
[71] TRIO HEALTHCARE LIMITED, GB
[85] 2016-05-16
[86] 2014-11-24 (PCT/GB2014/053460)
[87] (WO2015/082877)
[30] US (61/911,745) 2013-12-04
[30] GB (1405947.1) 2014-04-02

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[13] A1
[51] **Int.Cl. B63B 1/32 (2006.01) B63B 35/08 (2006.01)**
[25] EN
[54] **SHIP FOR NAVIGATING IN ICY WATERS WITH IMPROVED PROPULSIVE PERFORMANCE**
[54] **NAVIRE POUR NAVIGATION EN EAUX GLACEES AVEC PERFORMANCES PROPULSIVES AMELIOREES**
[72] LAVINI, GIANPIERO, IT
[71] FINCANTIERI S.P.A., IT
[85] 2016-05-16
[86] 2013-12-24 (PCT/IT2013/000363)
[87] (WO2015/097720)

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[13] A1
[51] **Int.Cl. A61K 36/83 (2006.01) A61P 17/00 (2006.01) A61P 17/06 (2006.01) A61P 17/08 (2006.01) A61P 35/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **DAPHNE LAUREOLA EXTRACTS IN THE TREATMENT OF DERMOPATHIES**
[54] **EXTRAIT DE DAPHNE LAUREOLA DANS LE TRAITEMENT DE DERMOPATHIES**
[72] PAOLINO, DONATELLA, IT
[72] FOLINO GALLO, GIOACCHINO, IT
[72] FRESTA, MASSIMO, IT
[72] SPATARO, LEONE, IT
[72] VENDITTI, ALESSANDRO, IT
[71] PAOLINO, DONATELLA, IT
[71] FOLINO GALLO, GIOACCHINO, IT
[71] FRESTA, MASSIMO, IT
[71] SPATARO, LEONE, IT
[85] 2016-05-16
[86] 2014-11-26 (PCT/IT2014/000312)
[87] (WO2015/079469)
[30] IT (RM2013A000657) 2013-11-27

[21] **2,930,822**
[13] A1
[51] **Int.Cl. A47J 31/06 (2006.01) A47J 31/36 (2006.01)**
[25] EN
[54] **SYSTEM FOR THE PREPARATION OF BEVERAGES**
[54] **SYSTEME POUR LA PREPARATION DE BOISSONS**
[72] CABILLI, ALBERTO, IT
[72] BOLOGNESE, DANILO, IT
[72] ROTTA, DENIS, IT
[72] BUGNANO, LUCA, IT
[72] BONISOLI, ELVIO, IT
[71] LUIGI LAVAZZA S.P.A., IT
[85] 2016-05-16
[86] 2014-12-17 (PCT/IB2014/067024)
[87] (WO2015/092712)
[30] IT (TO2013A001039) 2013-12-18

[21] **2,930,823**
[13] A1
[51] **Int.Cl. B23Q 3/02 (2006.01)**
[25] EN
[54] **FLANGED MATERIAL AND STANDING SEAM CLAMP**
[54] **ELEMENT A BORDS RELEVES ET ETRIER DE FIXATION POUR JOINTS DEBOUTS**
[72] HEADER, GREGORY A., US
[71] HEADER, GREGORY A., US
[85] 2016-05-16
[86] 2014-11-18 (PCT/US2014/066093)
[87] (WO2015/080897)
[30] US (14/091,062) 2013-11-26

[21] **2,930,825**
[13] A1
[51] **Int.Cl. G05B 11/01 (2006.01)**
[25] EN
[54] **REMOTELY OPERATING A MOVABLE BARRIER OPERATOR WITH AUXILIARY DEVICE**
[54] **MISE EN OEUVRE A DISTANCE D'UN ACTIONNEUR DE BARRIERE MOBILE PAR UN DISPOSITIF AUXILIAIRE**
[72] FITZGIBBON, JAMES J., US
[71] THE CHAMBERLAIN GROUP, INC., US
[85] 2016-05-16
[86] 2014-11-18 (PCT/US2014/066132)
[87] (WO2015/077222)
[30] US (14/087,741) 2013-11-22

[21] **2,930,826**
[13] A1
[51] **Int.Cl. C04B 28/14 (2006.01) C04B 24/38 (2006.01) C04B 24/42 (2006.01)**
[25] EN
[54] **GYPSUM SLURRY, HARDENED GYPSUM, GYPSUM BUILDING MATERIAL, GYPSUM BOARD, METHOD OF PRODUCING GYPSUM SLURRY, METHOD OF PRODUCING HARDENED GYPSUM, METHOD OF PRODUCING GYPSUM BUILDINGMATERIAL, AND METHOD OF PRODUCING GYPSUM BOARD**
[54] **PATE DE PLATRE, CORPS EN PLATRE DURCI, MATERIAU DE CONSTRUCTION A BASE DE PLATRE, PLAQUE DE PLATRE, PROCEDE DE FABRICATION DE PATE DE PLATRE, PROCEDE DE FABRICATION D'UN CORPS EN PLATRE DURCI, PROCEDE DE FABRICATION DE MATERIAU DE CONSTRUCTION A BASE DE PLATRE ET PROCEDE DE FABRICATION D'UNE PLAQUE DE PLATRE**
[72] ATAKA, YUJI, JP
[72] WATANABE, KEN, JP
[71] YOSHINO GYPSUM CO., LTD., JP
[85] 2016-05-16
[86] 2014-10-22 (PCT/JP2014/078120)
[87] (WO2015/079835)
[30] JP (2013-246716) 2013-11-28

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[13] A1
[51] **Int.Cl. C12N 15/90 (2006.01) C07H 21/02 (2006.01)**
[25] EN
[54] **LARGE GENE EXCISION AND INSERTION**
[54] **EXCISION ET INSERTION DE GRANDE TAILLE DANS UN GENE**
[72] BYRNE, SUSAN M., US
[72] CHURCH, GEORGE M., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2016-05-16
[86] 2014-11-19 (PCT/US2014/066324)
[87] (WO2015/077290)
[30] US (61/906,188) 2013-11-19

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[13] A1
[51] **Int.Cl. C12N 15/00 (2006.01) C07H 21/04 (2006.01) C07K 1/00 (2006.01) C12N 9/16 (2006.01)**
[25] EN
[54] **MUTANT CAS9 PROTEINS**
[54] **PROTEINES CAS9 MUTANTES**
[72] CHAVEZ, ALEJANDRO, US
[72] POELWIJK, FRANCK, US
[72] CHURCH, GEORGE M., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2016-05-16
[86] 2014-11-19 (PCT/US2014/066375)
[87] (WO2015/077318)
[30] US (61/906,374) 2013-11-19

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[13] A1
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/172 (2006.01) A61N 1/08 (2006.01)**
[25] EN
[54] **INFUSION PUMP AUTOMATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'AUTOMATISATION DE POMPE A PERFUSION**
[72] RUCHTI, TIMOTHY L., US
[72] DHARWAD, HARSH, US
[72] NEUHARDT, LYNN D., US
[72] PEREZ, AARON P., US
[71] HOSPIRA, INC., US
[85] 2016-05-16
[86] 2014-11-19 (PCT/US2014/066379)
[87] (WO2015/077320)
[30] US (61/906,181) 2013-11-19
[30] US (14/547,376) 2014-11-19

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[13] A1
[51] **Int.Cl. H04M 3/56 (2006.01) H04M 3/00 (2006.01) H04N 7/15 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM, COMMUNICATION SYSTEM, COMPUTER PROGRAM, CONTROLLING METHOD, AND COMPUTER PROGRAM PRODUCT**
[54] **SYSTEME DE COMMANDE, SYSTEME DE COMMUNICATION, PROGRAMME INFORMATIQUE, METHODE DE GESTION, ET PRODUIT PROGRAMME INFORMATIQUE**
[72] UMEHARA, NAOKI, JP
[71] RICOH COMPANY, LIMITED, JP
[85] 2016-05-16
[86] 2014-11-18 (PCT/JP2014/080993)
[87] (WO2015/072583)
[30] JP (2013-237629) 2013-11-18

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 21/64 (2006.01) G01N 21/77 (2006.01)**
[25] EN
[54] **OPTICAL SYSTEM AND ASSAY CHIP FOR PROBING, DETECTING AND ANALYZING MOLECULES**
[54] **SYSTEME OPTIQUE ET PUCE D'ANALYSE POUR SONDER, DETECTER ET ANALYSER DES MOLECULES**
[72] ROTHBERG, JONATHAN M., US
[72] KABIRI, ALI, US
[72] SICKLER, JASON W., US
[72] GYARFAS, BRETT J., US
[72] LACKEY, JEREMY, US
[72] SCHMID, GERARD, US
[72] CIPRIANY, BENJAMIN, US
[72] JEWELL, JACK, US
[72] WEST, LAWRENCE C., US
[72] FERRIGNO, MICHAEL, US
[72] GLENN, PAUL E., US
[72] COHEN, ADAM E., US
[72] BELLOFIORE, ANTHONY, US
[71] QUANTUM-SI INCORPORATED, US
[85] 2016-05-16
[86] 2014-11-17 (PCT/US2014/066010)
[87] (WO2015/074001)
[30] US (61/905,282) 2013-11-17
[30] US (61/917,926) 2013-12-18
[30] US (61/941,916) 2014-02-19

[21] **2,930,833**
[13] A1
[51] **Int.Cl. G06F 21/57 (2013.01) G06F 21/53 (2013.01) G06F 11/36 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR IMPLEMENTING APPLICATION POLICIES AMONG DEVELOPMENT ENVIRONMENTS**
[54] **SYSTEME ET PROCEDE D'IMPLEMENTATION DE POLITIQUES D'APPLICATION PARMI DES ENVIRONNEMENTS DE DEVELOPPEMENT**
[72] CHESTNA, PETER JOHN, US
[71] VERACODE, INC., US
[85] 2016-05-16
[86] 2014-11-19 (PCT/US2014/066400)
[87] (WO2015/077331)
[30] US (14/083,750) 2013-11-19

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 21/64 (2006.01) G01N 21/77 (2006.01)**
[25] EN
[54] **INTEGRATED DEVICE WITH EXTERNAL LIGHT SOURCE FOR PROBING DETECTING AND ANALYZING MOLECULES**
[54] **DISPOSITIF INTEGRE COMPORTANT UNE SOURCE LUMINEUSE EXTERNE POUR SONDER, DETECTER ET ANALYSER DES MOLECULES**
[72] ROTHBERG, JONATHAN M., US
[72] KABIRI, ALI, US
[72] SICKLER, JASON W., US
[72] GYARFAS, BRETT J., US
[72] LACKEY, JEREMY, US
[72] SCHMID, GERARD, US
[72] CIPRIANY, BENJAMIN, US
[72] JEWELL, JACK, US
[72] WEST, LAWRENCE, US
[72] FERRIGNO, MICHAEL, US
[72] GLENN, PAUL E., US
[72] BELLOFIORE, ANTHONY, US
[71] QUANTUM-SI INCORPORATED, US
[85] 2016-05-16
[86] 2014-11-17 (PCT/US2014/066013)
[87] (WO2015/074004)
[30] US (61/905,282) 2013-11-17
[30] US (61/917,926) 2013-12-18
[30] US (61/941,916) 2014-02-19

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[21] **2,930,836**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **ACTIVE-SOURCE-PIXEL, INTEGRATED DEVICE FOR RAPID ANALYSIS OF BIOLOGICAL AND CHEMICAL SPECIMENTS**
[54] **PIXEL A SOURCE ACTIVE, DISPOSITIF INTEGRE POUR ANALYSE RAPIDE D'EPROUVETTES BIOLOGIQUES ET CHIMIQUES**
[72] ROTHBERG, JONATHAN M., US
[72] KABIRI, ALI, US
[72] SICKLER, JASON W., US
[72] GYARFAS, BRETT J., US
[72] LACKEY, JEREMY, US
[72] SCHMID, GERARD, US
[71] QUANTUM-SI INCORPORATED, US
[85] 2016-05-16
[86] 2014-11-17 (PCT/US2014/066014)
[87] (WO2015/074005)
[30] US (61/905,282) 2013-11-17
[30] US (61/917,926) 2013-12-18
[30] US (61/941,916) 2014-02-19

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[13] A1
[51] **Int.Cl. B01J 19/10 (2006.01)**
[25] EN
[54] **SUPERSONIC SHOCK WAVE REACTORS, AND ASSOCIATED SYSTEMS AND METHODS**
[54] **REACTEURS A ONDE DE CHOC SUPERSONIQUE AINSI QUE SYSTEMES ET PROCEDES ASSOCIES**
[72] MATTICK, ARTHUR T., US
[72] STEVENS, CARL J., US
[72] CERFF, ROBERT, US
[72] HANSEN, VIGGO, US
[72] KNOWLEN, CARL, US
[71] UNIVERSITY OF WASHINGTON THROUGH ITS CENTER FOR COMMERCIALIZATION, US
[71] UOP LLC, US
[85] 2016-05-16
[86] 2014-11-19 (PCT/US2014/066407)
[87] (WO2015/077335)
[30] US (61/906,353) 2013-11-19

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[13] A1
[51] **Int.Cl. A61K 49/00 (2006.01)**
[25] EN
[54] **ARTICULAR CARTILAGE IMAGING COMPOSITION**
[54] **COMPOSITION POUR IMAGERIE DE CARTILAGE ARTICULAIRE**
[72] MIZUNO, SHUICHI, JP
[72] KAWAGUCHI, NOBUAKI, JP
[72] TSUCHIYA, AKIHIRO, JP
[72] MANOME, YOSHINOBU, JP
[72] FUJIWARA, YASUNORI, JP
[71] FUJIWARA, YASUNORI, JP
[71] MERCURY ASSET MANAGEMENT CO., LTD., JP
[85] 2016-05-16
[86] 2014-12-08 (PCT/JP2014/082441)
[87] (WO2015/087839)
[30] JP (2013-257892) 2013-12-13

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[13] A1
[51] **Int.Cl. C08G 73/10 (2006.01) B01D 71/62 (2006.01) B01D 71/64 (2006.01) C08G 73/22 (2006.01)**
[25] EN
[54] **THERMALLY REARRANGED POLY(BENZOXAZOLE-IMIDE) COPOLYMER HAVING CROSS-LINKED STRUCTURE, GAS SEPARATION MEMBRANE COMPRISING SAME AND PREPARATION METHOD THEREFOR**
[54] **COPOLYMERE POLY(BENZOXAZOLE-IMIDE) THERMIQUEMENT REARRANGE AYANT UNE STRUCTURE RETICULEE, MEMBRANE DE SEPARATION DE GAZ LE COMPRENANT ET SON PROCEDE DE PREPARATION**
[72] LEE, YOUNG MOO, KR
[72] CALLE, MARIOLA, KR
[72] JO, HYE JIN, KR
[72] LEE, JONG MYOUNG, KR
[71] IUCF-HYU (INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY), KR
[85] 2016-05-16
[86] 2014-11-05 (PCT/KR2014/010513)
[87] (WO2015/072692)
[30] KR (10-2013-0139213) 2013-11-15
[30] KR (10-2013-0139215) 2013-11-15

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[13] A1
[51] **Int.Cl. A47J 31/42 (2006.01) A47J 42/50 (2006.01)**
[25] EN
[54] **APPARATUSES, SYSTEMS, AND METHODS FOR BREWING A BEVERAGE**
[54] **APPAREILS, SYSTEMES ET PROCEDES DE PREPARATION D'UNE BOISSON**
[72] JOHNSON, JOHN ANDREW, US
[72] FRANKOVICH, STEVE, US
[72] KLECKER, GLENN, US
[72] HULETT, RANDY, US
[72] DOUCETTE, DAVID, US
[72] APONE, DAN, US
[72] KOLLER, IZAAK, US
[72] JURIS, AMANDA, US
[72] ALLISON, JEFF, US
[72] SHAY, BRIAN, US
[72] HORTH, ROLAND, US
[72] HANCOCK, STEPHEN HOYT, US
[72] SINGER, MARC, US
[71] STARBUCKS CORPORATION D/B/A STARBUCKS COFFEE COMPANY, US
[85] 2016-05-16
[86] 2014-11-19 (PCT/US2014/066455)
[87] (WO2015/077367)
[30] US (61/906,872) 2013-11-20
[30] US (61/906,871) 2013-11-20
[30] US (PCT/US2014/066174) 2014-11-18

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[13] A1
[51] **Int.Cl. C07K 14/725 (2006.01) A61K 38/17 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ENGINEERED HIGH-AFFINITY HUMAN T CELL RECEPTORS**
[54] **RECEPTEURS DE LYMPHOCYTES T HUMAINS A HAUTE AFFINITE MODIFIES**
[72] SMITH, SHEENA N., US
[72] HARRIS, DANIEL T., US
[72] KRANZ, DAVID M., US
[72] SCHMITT, THOMAS M., US
[72] GREENBERG, PHILIP D., US
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2016-05-16
[86] 2014-11-21 (PCT/US2014/066903)
[87] (WO2015/077615)
[30] US (61/907,887) 2013-11-22

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[13] A1
[51] **Int.Cl. B01D 71/64 (2006.01)**
[25] EN
[54] **MEMBRANES FOR FLUE GAS SEPARATION COMPRISING CROSSLINKED, THERMALLY REARRANGED POLY(BENZOXAZOLE-CO-IMIDE) AND PREPARATION METHOD THEREOF**
[54] **MEMBRANE DE SEPARATION DE GAZ DE CARNEAU COMPRENANT UN COPOLYMERE POLY(BENZOXAZOLE-IMIDE) THERMIQUEMENT REARRANGE AYANT UNE STRUCTURE RETICULEE, ET SON PROCEDE DE PREPARATION**
[72] LEE, YOUNG MOO, KR
[72] CALLE, MARIOLA, KR
[72] JO, HYE JIN, KR
[72] LEE, JONG MYOUNG, KR
[71] IUCF-HYU (INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY), KR
[85] 2016-05-16
[86] 2014-11-05 (PCT/KR2014/010537)
[87] (WO2015/072694)
[30] KR (10-2013-0139217) 2013-11-15
[30] KR (10-2013-0139389) 2013-11-15
[30] KR (10-2013-0139396) 2013-11-15

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[13] A1
[51] **Int.Cl. A01C 11/02 (2006.01) A01C 11/00 (2006.01)**
[25] EN
[54] **ROBOTIC PLATFORM AND METHOD FOR PERFORMING MULTIPLE FUNCTIONS IN AGRICULTURAL SYSTEMS**
[54] **PLATEFORME ROBOTIQUE ET PROCEDE DE REALISATION DE MULTIPLES FONCTIONS DANS DES SYSTEMES AGRICOLES**
[72] CAVENDER-BARES, KENT, US
[72] LOFGREN, JOSEPH B., US
[71] ROWBOT SYSTEMS LLC, US
[85] 2016-05-16
[86] 2014-11-20 (PCT/US2014/066610)
[87] (WO2015/077452)
[30] US (61/906,543) 2013-11-20

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[13] A1
[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/454 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **AMIDE DERIVATIVES FOR GPR119 AGONIST**
[54] **DERIVES D'AMIDES POUR AGONISTE DE GPR119**
[72] KIM, YUNTAE, KR
[72] LEE, CHANGSIK, KR
[72] CHOI, DAEKYU, KR
[72] KO, MOOSUNG, KR
[72] HAN, YOUNGHUE, KR
[72] KIM, SOYOUNG, KR
[72] MIN, JAEKI, KR
[72] KIM, DOHOON, KR
[71] CHONG KUN DANG PHARMACEUTICAL CORP., KR
[85] 2016-05-16
[86] 2014-11-25 (PCT/KR2014/011356)
[87] (WO2015/080446)
[30] KR (10-2013-0144601) 2013-11-26

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[13] A1
[51] **Int.Cl. F04F 5/18 (2006.01) C10L 3/10 (2006.01) F04B 39/00 (2006.01) F15B 21/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MULTI-STAGE COMPRESSION OF A GAS USING A LIQUID**
[54] **PROCEDE ET SYSTEME POUR UNE COMPRESSION A PLUSIEURS ETAGES D'UN GAZ A L'AIDE D'UN LIQUIDE**
[72] CHIARA, FABIO, US
[72] DURAND, JAMES, US
[72] UNDERHILL, ROBERT, US
[72] FLY, GERALD, US
[72] TRIBERTI, MATTEO, US
[71] OHIO STATE INNOVATION FOUNDATION, US
[85] 2016-05-16
[86] 2014-11-20 (PCT/US2014/066632)
[87] (WO2015/077462)
[30] US (61/906,462) 2013-11-20
[30] US (14/505,122) 2014-10-02

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[13] A1
[51] **Int.Cl. C07K 14/725 (2006.01) A61K 38/17 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ENGINEERED HIGH-AFFINITY HUMAN T CELL RECEPTORS**
[54] **RECEPTEURS MODIFIES DE HAUTE AFFINITE POUR LES LYMPHOCYTES T HUMAINS**
[72] SMITH, SHEENA N., US
[72] HARRIS, DANIEL T., US
[72] KRANZ, DAVID M., US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2016-05-16
[86] 2014-11-21 (PCT/US2014/066892)
[87] (WO2015/077607)
[30] US (61/907,887) 2013-11-22

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[13] A1
[51] **Int.Cl. C09K 8/44 (2006.01) C09K 8/42 (2006.01)**
[25] EN
[54] **IN SITU REFRACTORY BINDER COMPOSITIONS**
[54] **COMPOSITIONS DE LIANT REFRACTAIRE IN SITU**
[72] AGAPIOU, KYRIS, US
[72] IVERSON, BEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-16
[86] 2013-12-20 (PCT/US2013/076809)
[87] (WO2015/094322)

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[13] A1
[51] **Int.Cl. C08K 5/14 (2006.01) C08L 23/00 (2006.01) C08L 23/26 (2006.01) H01B 1/00 (2006.01) H01B 3/44 (2006.01)**
[25] EN
[54] **MOISTURE-AND PEROXIDE-CROSSLINKABLE POLYMERIC COMPOSITIONS**
[54] **COMPOSITIONS POLYMERES RETICULABLES SOUS L'ACTION DE PEROXYDE ET D'HUMIDITE**
[72] CHAUDHARY, BHARAT I., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2016-05-17
[86] 2014-11-10 (PCT/US2014/064724)
[87] (WO2015/077061)
[30] US (61/908,245) 2013-11-25

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[13] A1
[51] **Int.Cl. E21B 49/08 (2006.01) G01N 21/85 (2006.01)**
[25] EN
[54] **DOWNHOLE EM SENSING USING SAGNAC INTERFEROMETER FOR WELLBORE MONITORING**
[54] **DETECTION EM DE FOND DE TROU UTILISANT UN INTERFEROMETRE DE SAGNAC POUR SURVEILLANCE DE PUITS DE FORAGE**
[72] MAIDA, JOHN L., US
[72] MANDVIWALA, TASNEEM A., US
[72] CEKORICH, ALLEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-16
[86] 2013-12-20 (PCT/US2013/076984)
[87] (WO2015/094348)

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[13] A1
[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/50 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS TO USE SHAPE CHANGING POLYMERS IN SUBTERRANEAN FORMATIONS**
[54] **PROCEDES ET COMPOSITIONS POUR UTILISER DES POLYMERES A CHANGEMENT DE FORME DANS DES FORMATIONS SOUTERRAINES**
[72] SAVARI, SHARATH, US
[72] MILLER, MATTHEW L., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-16
[86] 2014-01-17 (PCT/US2014/012094)
[87] (WO2015/108532)

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[13] A1
[51] **Int.Cl. A43B 7/02 (2006.01) A43B 7/34 (2006.01) A43B 7/36 (2006.01)**
[25] EN
[54] **HEATED INSOLE WITH REMOVABLE AND RECHARGEABLE BATTERY**
[54] **SEMELLE INTERIEURE CHAUFFEE A BATTERIE AMOVIBLE ET RECHARGEABLE**
[72] ZSOLCSAK, VERONICA M., US
[72] EIZEN, MICHA, US
[72] BAYES, THOMAS JOHN WILLIAM, GB
[72] WHITEHEAD, IAN NICHOLSON, US
[71] SCHAWBEL TECHNOLOGIES LLC, US
[85] 2016-05-17
[86] 2014-04-09 (PCT/US2014/033499)
[87] (WO2015/084430)
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[54] **REDUCTION DE DEGRADATION D'ARNM A MEDIATION NON-SENS**
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[72] AZNAREZ, ISABEL, US
[72] NOMAKUCHI, TOMOKI, US
[71] COLD SPRING HARBOR LABORATORY, US
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[51] **Int.Cl. H01H 9/34 (2006.01) H01H 73/18 (2006.01)**
[25] EN
[54] **ARC BAFFLING DEVICE**
[54] **DISPOSITIF DEFLECTEUR D'ARC**
[72] AFSHARI, FARHAD, US
[72] TRAX, JAMES A., US
[72] BASTA, JASON E., US
[72] COLLAZO, DOEL, US
[72] FISHOVITZ, ANTHONY J., US
[72] GUNDY,RAYMOND P., II, US
[71] EATON CORPORATION, US
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[25] EN
[54] **UV DEVICES, SYSTEMS AND METHODS FOR UV STERILIZATION**
[54] **DISPOSITIFS A UV, SYSTEMES ET PROCEDES DE STERILISATION PAR UV**
[72] FARREN, ALEXANDER, US
[71] BLUEMORPH LLC, US
[85] 2016-05-17
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[54] **CONCEPT OFDM A NUMEROLOGIE MIXTE**
[72] YOO, TAESANG, US
[72] MALLIK, SIDDHARTHA, US
[72] CHENDAMARAI KANNAN, ARUMUGAM, US
[72] DAMNJANOVIC, JELENA, US
[72] VAJAPEYAM, MADHAVAN SRINIVASAN, US
[72] WANG, JUN, US
[72] WEI, YONGBIN, US
[72] MALLADI, DURGA PRASAD, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
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[54] **SYSTEMES ET PROCEDES POUR GERER DES FILTRES D'ADMISSION DE TURBINE**
[72] BRYANT, PAUL SHERWOOD, GB
[72] HINER, STEPHEN DAVID, GB
[71] BHA ALTAIR, LLC, US
[85] 2016-05-16
[86] 2014-11-13 (PCT/US2014/065450)
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[25] EN
[54] **METHOD OF TREATING OCULAR DISORDERS WITH COMPOUNDS FOUND IN HARDERIAN GLAND SECRETIONS**
[54] **METHODE DE TRAITEMENT DES TROUBLES OCULAIRES AVEC DES COMPOSES TROUVES DANS LES SECRETIONS DES GLANDES DE HARDER**
[72] ALBERT, DANIEL M., US
[72] POLANS, ARTHUR S., US
[71] RESTORTEARS, LLC, US
[85] 2016-05-17
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[25] EN
[54] **IMIDAZOTRIAZINE DERIVATIVES AS MODULATORS OF TNF ACTIVITY**
[54] **DERIVES D'IMIDAZOTRIAZINE A TITRE DE MODULATEURS DE L'ACTIVITE DU TNF**
[72] BROOKINGS, DANIEL CHRISTOPHER, GB
[72] BROWN, JULIEN ALISTAIR, GB
[72] JACKSON, VICTORIA ELIZABETH, GB
[72] PORTER, JOHN ROBERT, GB
[72] QUINCEY, JOANNA RACHEL, GB
[71] UCB BIOPHARMA SPRL, BE
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[54] **EXAMPLES OF DELIVERY AND/OR REFERRAL SERVICES**
[54] **EXEMPLES DE SERVICES DE LIVRAISON ET/OU D'AIGUILLAGE**
[72] LUTNICK, HOWARD W., US
[72] KLECHNER, JED, US
[72] SIMS, COLIN, US
[72] WHITE, JASON, US
[71] CFPH, LLC, US
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[54] **PROCESSES FOR THE PREPARATION OF PYRIMIDINYLCYCLOPENTANE COMPOUNDS**
[54] **PROCEDE DE PREPARATION DE COMPOSES DE PYRIMIDINYLCYCLOPENTANE**
[72] IDING, HANS, CH
[72] REENTS, REINHARD, CH
[72] SCALONE, MICHELANGELO, CH
[72] GOSSELIN, FRANCIS, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[71] GENENTECH, INC., US
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[54] **METHODS OF FEEDING ANIMALS FERMENTATION CELL MASS**
[54] **METHODE D'ALIMENTATION D'ANIMAUX AVEC UNE MASSE CELLULAIRE DE FERMENTATION**
[72] BLOCK, STEPHANIE, US
[72] HANKE, PAUL, US
[72] CECAVA, MICHAEL, US
[72] LINDQUIST, JAMES, US
[72] NELSON, TRAVIS, US
[72] SOLHEIM, LEIF, US
[71] ARCHER DANIELS MIDLAND COMPANY, US
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[54] **ADENO-ASSOCIATED VIRUS VECTORS FOR TREATMENT OF GLYCOGEN STORAGE DISEASE**
[54] **VECTEURS DE TYPE VIRUS ADENO-ASSOCIE POUR LE TRAITEMENT DE MALADIE DU STOCKAGE DU GLYCOGENE**
[72] CHOU, JANICE J., US
[72] BYRNE, BARRY J., US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[54] **THIENOPYRIMIDINES AS MKNK1 AND MKNK2 INHIBITORS**
[54] **THIENOPYRIMIDINES EN TANT QU'INHIBITEURS DE MKNK1 ET DE MKNK2**
[72] KLAR, ULRICH, DE
[72] WORTMANN, LARS, DE
[72] KETTSCHAU, GEORG, DE
[72] GRAHAM, KEITH, DE
[72] RICHTER, ANJA, DE
[72] LIENAU, PHILIP, DE
[72] PUEHLER, FLORIAN, US
[72] PETERSEN, KIRSTIN, DE
[72] SIEGEL, FRANZISKA, DE
[72] SULZLE, DETLEV, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **PERSONALIZED MEDICINE APPROACH FOR TREATING COGNITIVE LOSS**
[54] **APPROCHE MEDICALE PERSONNALISEE POUR LE TRAITEMENT D'UNE PERTE COGNITIVE**
[72] O'BRYANT, SID E., US
[71] UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER AT FORT WORTH, US
[85] 2016-05-16
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[54] **DATA TRANSFER OPTIMIZATIONS**
[54] **OPTIMISATIONS DE TRANSFERT DE DONNEES**
[72] FAHEY, SEAN ANTHONY, US
[72] HILL, BRENT JAMES, US
[71] AMAZON TECHNOLOGIES, INC., US
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[51] **Int.Cl. A61M 5/42 (2006.01)**
[25] EN
[54] **SYSTEMS, APPARATUSES AND METHODS TO ENCOURAGE INJECTION SITE ROTATION AND PREVENT LIPODYSTROPHY FROM REPEATED INJECTIONS TO A BODY AREA**
[54] **SYSTEMES, APPAREILS ET PROCEDES POUR ENCOURAGER LA ROTATION D'UN SITE D'INJECTION ET PREVENIR LA LIPODYSTROPHIE DUE A DES INJECTIONS REPETEES DANS UNE ZONE DU CORPS**
[72] FIEDLER, ALAN, US
[72] WEST, ROBERT, US
[72] SRINIVASAN, SUDARSAN, US
[72] SULLIVAN, SEAN, US
[72] DIBIASI, MICHAEL, US
[72] LIMAYE, AMIT, US
[72] HILL, BRENDON, US
[72] WITZEL, ALEXANDER, DE
[71] BECTON, DICKINSON AND COMPANY, US
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[86] 2014-12-03 (PCT/US2014/068469)
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[25] EN
[54] **ADDITIVES FOR DRAG REDUCING POLYMERS**
[54] **ADDITIFS POUR POLYMERES REDUISANT LES FROTTEMENTS**
[72] OLECHNOWICZ, MICHAEL R., US
[72] BURDEN, TIMOTHY L., US
[72] ROSS, TOMMY C., US
[71] LUBRIZOL SPECIALTY PRODUCTS, INC., US
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[25] EN
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[54] **CONCEPTIONS D'ENVELOPPE EXTERNE D'AIGUILLE DE STYLO D'INJECTION**
[72] SULLIVAN, SEAN, US
[72] SRINIVASAN, SUDARSAN, US
[72] DIBIASI, MICHAEL, US
[72] KNAPP, KEITH, US
[72] OZA, KUNJAL, US
[72] VIJAYACHANDRAN, SAJAYESH, US
[72] KAMBLE, GANESH, IN
[71] BECTON, DICKINSION AND COMPANY, US
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[86] 2014-12-04 (PCT/US2014/068567)
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[51] **Int.Cl. B05D 7/00 (2006.01)**
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[54] **METHOD FOR PRODUCING A MULTICOAT PAINT SYSTEM**
[54] **PROCEDE SERVANT A PRODUIRE UN LAQUAGE MULTICOUCHE**
[72] STEINMETZ, BERNHARD, DE
[72] LUHMANN, NADIA, DE
[72] KRUMM, HOLGER, DE
[72] HOFFMANN, PETER, DE
[72] REUTER, HARDY, DE
[72] JANKOWSKI, PEGGY, DE
[72] GOH, STEPHANIE PEI YII, DE
[71] BASF COATINGS GMBH, DE
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[86] 2014-11-18 (PCT/EP2014/074898)
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[51] **Int.Cl. F16M 5/00 (2006.01)**
[25] EN
[54] **USE OF INDUCTIVE SENSING TO CONTROL DECOUPLER POSITION AND SWITCHABLE MOUNT PERFORMANCE**
[54] **UTILISATION D'UNE DETECTION INDUCTIVE POUR COMMANDER LA POSITION D'UN DECOUPLEUR ET LA PERFORMANCE DE SUPPORT COMMUTABLE**
[72] MCDONOUGH, WILLIAM B., US
[72] LUCAS, JAY, CA
[72] JORDON, WAYNE, CA
[72] MIHALIC, JOE, CA
[71] COOPER-STANDARD AUTOMOTIVE INC., US
[85] 2016-05-16
[86] 2014-11-17 (PCT/US2014/065981)
[87] (WO2015/073982)
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[51] **Int.Cl. A61K 39/395 (2006.01) A61P 37/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-SIGLEC-8 ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-SIGLEC 8 ET LEURS METHODES D'UTILISATION**
[72] BEBBINGTON, CHRISTOPHER R., US
[72] FALAHATI, RUSTOM, US
[72] SOUSA FERNANDES, CAROLINA RITA, US
[72] MATTHEWS, DAVID JOHN, US
[72] TOMASEVIC, NENAD, US
[72] WILLIAMS, JASON, US
[72] LEUNG, JOHN, US
[71] ALLAKOS INC., US
[85] 2016-05-16
[86] 2014-12-09 (PCT/US2014/069409)
[87] (WO2015/089117)
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[13] A1
[51] **Int.Cl. F17C 3/04 (2006.01)**
[25] EN
[54] **CRYOGENIC TANK**
[54] **RESERVOIR A BASSE TEMPERATURE**
[72] KANNO, RYUZO, JP
[72] FURIKOMA, MICHITAKA, JP
[72] KAMIYA, EIJI, JP
[72] SHIMAMURA, YASUHIRO, JP
[71] IHI CORPORATION, JP
[85] 2016-05-17
[86] 2014-10-31 (PCT/JP2014/079028)
[87] (WO2015/076085)
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[25] EN
[54] **SYSTEMS, COMPUTER MEDIUM AND COMPUTER-IMPLEMENTED METHODS FOR HARVESTING HUMAN ENERGY IN THE WORKPLACE**
[54] **SYSTEMES, SUPPORT INFORMATIQUE ET PROCEDES MIS EN □UVRE PAR ORDINATEUR POUR RECOLTER L'ENERGIE HUMAINE SUR LE LIEU DE TRAVAIL**
[72] HORSEMAN, SAMANTHA, SA
[72] MONSEN, RONALD, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2016-05-16
[86] 2014-12-10 (PCT/US2014/069498)
[87] (WO2015/089156)
[30] US (14/102,619) 2013-12-11

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[51] **Int.Cl. F17C 3/04 (2006.01)**
[25] EN
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[54] **RESERVOIR A BASSE TEMPERATURE**
[72] KANNO, RYUZO, JP
[72] FURIKOMA, MICHITAKA, JP
[72] KAMIYA, EIJI, JP
[71] IHI CORPORATION, JP
[85] 2016-05-17
[86] 2014-11-05 (PCT/JP2014/079332)
[87] (WO2015/076104)
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[51] **Int.Cl. A61B 18/04 (2006.01) A61F 7/12 (2006.01) A61M 37/00 (2006.01)**
[25] EN
[54] **VAPOR ABLATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'ABLATION A LA VAPEUR**
[72] HASTINGS, ROGER NOEL, US
[72] HOEY, MICHAEL, US
[72] CARLSON, STEVEN, US
[72] BYRNE, MATTHEW, US
[71] NXTHERA, INC., US
[85] 2016-05-16
[86] 2014-12-10 (PCT/US2014/069559)
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[30] US (61/914,282) 2013-12-10

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[51] **Int.Cl. H01M 8/24 (2016.01) H01M 8/12 (2016.01)**
[25] EN
[54] **FUEL CELL STACK AND FUEL CELL MODULE**
[54] **EMPILEMENT DE PILES A COMBUSTIBLE ET MODULE DE PILES A COMBUSTIBLE**
[72] MORIKAWA, TETSUYA, JP
[72] HOTTA, NOBUYUKI, JP
[71] NGK SPARK PLUG CO., LTD., JP
[85] 2016-05-17
[86] 2014-12-10 (PCT/JP2014/082676)
[87] (WO2015/087913)
[30] JP (2013-256388) 2013-12-11

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[13] A1
[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/473 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **NOVEL UNCHARGED REACTIVATORS AGAINST OP-INHIBITION OF HUMAN ACETYLCHOLINESTERASE**
[54] **NOUVEAUX REACTIVATEURS NON CHARGES CONTRE L'INHIBITION DE L'ACETYLCHOLINESTERASE HUMAINE**
[72] BAATI, RACHID, FR
[72] KLIACHYNA, MARIA, FR
[72] NUSSBAUM, VALENTIN, FR
[72] RENARD, PIERRE-YVES, FR
[72] JEAN, LUDOVIC, FR
[72] WEIK, MARTIN, FR
[72] NACHON, FLORIAN, FR
[72] TOUVREY, MELANIE, FR
[72] FRIEDEL, MELANIE, FR
[72] RENOU, JULIEN, FR
[72] VERDELET, TRISTAN, FR
[72] MERCEY, GUILLAUME, FR
[72] COLLETIER, JACQUES-PHILIPPE, FR
[72] SANSON, BENOIT, US
[72] SANTONI, GIANLUCA, FR
[71] UNIVERSITE DE STRASBOURG, FR
[71] UNIVERSITE DE ROUEN, FR
[71] L'ETAT (MINISTERE DE LA DEFENSE), REPRESENTE PAR LE DIRECTEUR CENTRAL DU SERVICE DE SANTE DES ARMEES, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2016-05-17
[86] 2014-11-19 (PCT/EP2014/075046)
[87] (WO2015/075082)
[30] EP (13306584.7) 2013-11-19

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[13] A1
[51] **Int.Cl. C11B 1/02 (2006.01) A61K 8/99 (2006.01) A61K 31/202 (2006.01) C11B 3/02 (2006.01) C11B 3/12 (2006.01) C11C 1/00 (2006.01) C11C 3/00 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **DIHOMO-GAMMA-LINOLENIC ACID-CONTAINING MICROBIAL OIL AND DIHOMO-GAMMA-LINOLENIC ACID-CONTAINING MICROBIAL BIOMASS**
[54] **HUILE MICROBIENNE CONTENANT DE L'ACIDE DIHOMO-G-LINOLENIQUE ET BIOMASSE MICROBIENNE CONTENANT DE L'ACIDE DIHOMO-G-LINOLENIQUE**
[72] SATO, SEIZO, JP
[72] FUKAE, TAKURO, JP
[72] OHTSUKA, NAOMI, JP
[72] YAMAGUCHI, HIDEAKI, JP
[72] IKEDA, RIE, JP
[71] NIPPON SUISAN KAISHA, LTD., JP
[85] 2016-05-17
[86] 2014-12-04 (PCT/JP2014/082770)
[87] (WO2015/083843)
[30] JP (2013-251401) 2013-12-04

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[13] A1
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[25] EN
[54] **INHALABLE MEDICAMENTS**
[54] **MEDICAMENTS POUVANT ETRE INHALES**
[72] VAN ACHTHOVEN, ERWIN, NL
[72] KEEGSTRA, JOHAN, NL
[72] GOLLER, IMRE MICHAEL, NL
[71] PHARMACHEMIE B.V., NL
[85] 2016-05-17
[86] 2014-11-19 (PCT/EP2014/075058)
[87] (WO2015/086278)
[30] GB (1321717.9) 2013-12-09

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[13] A1
[51] **Int.Cl. H04W 52/14 (2009.01) H04W 74/08 (2009.01) H04W 84/12 (2009.01)**
[25] EN
[54] **METHOD AND DEVICE FOR TRANSMITTING UPLINK FRAME IN WIRELESS LAN**
[54] **PROCEDE ET DISPOSITIF D'EMISSION D'UNE TRAME DE LIAISON MONTANTE DANS UN LAN**
[72] CHOI, JINSOO, KR
[72] CHUN, JINYOUNG, KR
[72] LEE, WOOKBONG, KR
[72] LIM, DONGGUK, KR
[72] CHO, HANGYU, KR
[71] LG ELECTRONICS INC., KR
[85] 2016-05-17
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[25] EN
[54] **SECURITY BYPASS ENVIRONMENT FOR CIRCUMVENTING A SECURITY APPLICATION IN A COMPUTING ENVIRONMENT**
[54] **ENVIRONNEMENT DE CONTOURNEMENT DE SECURITE POUR CONTOURNER UNE APPLICATION DE SECURITE DANS UN ENVIRONNEMENT INFORMATIQUE**
[72] SCAIFE, WALTER N., US
[71] WAL-MART STORES, INC., US
[85] 2016-05-17
[86] 2013-11-20 (PCT/US2013/071013)
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[30] US (13/683,864) 2012-11-21

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[25] EN
[54] **FRICTION LINING ARRANGEMENT FOR A DISK BRAKE**
[54] **ENSEMBLE GARNITURE DE FRICTION POUR FREIN A DISQUE**
[72] KUMMEL, KURT, DE
[72] KEIL, CHRISTOPH, DE
[72] MARSCHNER, HOLGER, DE
[72] PIEHLER, CHRISTIAN, DE
[72] SOCOLOV, SILVIU, DE
[71] CONTINENTAL TEVES AG & CO. OHG, DE
[85] 2016-05-17
[86] 2014-11-19 (PCT/EP2014/075062)
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[30] DE (10 2013 223 862.2) 2013-11-21
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[54] **FOLDED BIOSENSOR**
[54] **BIOCAPTEUR PLIE**
[72] BAIN, RUSSELL, GB
[71] CILAG GMBH INTERNATIONAL, CH
[85] 2016-05-17
[86] 2014-11-21 (PCT/EP2014/075238)
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[25] EN
[54] **A UNIDIRECTIONAL REINFORCEMENT, A METHOD OF PRODUCING A UNIDIRECTIONAL REINFORCEMENT AND THE USE THEREOF**
[54] **RENFORT UNIDIRECTIONNEL, PROCEDE DE PRODUCTION DE RENFORT UNIDIRECTIONNEL ET UTILISATION ASSOCIEE**
[72] BERGSTROM, RAINER, FI
[72] KOSONEN, ULLA, FI
[72] HAAKANA, RAMI, FI
[72] HOIKKANEN, MAIJA, FI
[71] AHLSTROM CORPORATION, FI
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[86] 2014-11-21 (PCT/EP2014/075301)
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[25] EN
[54] **COMPOUND OF THE AVERMECTIN FAMILY OR OF THE MILBEMYCIN FAMILY FOR THE TREATMENT AND/OR PREVENTION OF ATOPIC DERMATITIS**
[54] **COMPOSE DE LA FAMILLE DES AVERMECTINES OU DE LA FAMILLE DES MILBEMYCINES POUR LE TRAITEMENT ET/OU LA PREVENTION DE DERMATITE ATOPIQUE**
[72] HACINI-RACHINEL, FERIEL, FR
[72] VIAL, EMMANUEL, FR
[72] JOMARD, ANDRE, FR
[71] GALDERMA SA, CH
[85] 2016-05-17
[86] 2014-11-28 (PCT/EP2014/075927)
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[25] EN
[54] **DRUG REFILL APPLICATOR SYSTEM AND METHOD OF USE**
[54] **SYSTEME D'APPLICATEUR AVEC REMPLISSAGE DE MEDICAMENTS ET SON PROCEDE D'UTILISATION**
[72] JIANG, FUKANG, US
[72] DUNN, ANDREW, US
[72] URAZAKI, ANDREW, US
[72] WANG, BIN, US
[72] RODRIGUEZ, ANDRES, US
[72] MINAIE, PEDRUM, US
[72] SOE, TUN MIN, US
[72] SHIH, JASON, US
[71] JIANG, FUKANG, US
[71] MINIPUMPS, LLC, US
[71] DUNN, ANDREW, US
[71] URAZAKI, ANDREW, US
[71] WANG, BIN, US
[85] 2016-05-16
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[25] EN
[54] **MULTI-LAYER BODY AND METHOD FOR THE PRODUCTION THEREOF**
[54] **CORPS MULTICOUCHE ET PROCEDE POUR SA PRODUCTION**
[72] STAUB, RENE, CH
[72] BREHM, LUDWIG, DE
[72] KRAMER, PATRICK, DE
[72] SPIESS, ROUVEN, CH
[72] FORSTER, KARIN, DE
[71] LEONHARD KURZ STIFTUNG & CO. KG, DE
[71] OVD KINEGRAM AG, CH
[85] 2016-05-17
[86] 2014-11-28 (PCT/EP2014/075928)
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[25] EN
[54] **IMIDAZOTHIAZOLE DERIVATIVES AS MODULATORS OF TNF ACTIVITY**
[54] **DERIVES D'IMIDAZOTHIAZOLE A TITRE DE MODULATEURS DE L'ACTIVITE DU TNF**
[72] ALEXANDER, RIKKI PETER, GB
[72] ALI, MEZHER HUSSEIN, GB
[72] BROWN, JULIEN ALISTAIR, GB
[72] JACKSON, VICTORIA ELIZABETH, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2016-05-17
[86] 2014-12-08 (PCT/EP2014/076842)
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[25] EN
[54] **BIOMARKERS FOR EPICARDIAL ADIPOSE TISSUE**
[54] **BIOMARQUEURS POUR LE TISSU ADIPEUX EPICARDIQUE**
[72] BEGUELIN, FIONA CAMILLE, CH
[72] COLLINO, SEBASTIANO, CH
[72] MARTIN, FRANCOIS-PIERRE, CH
[72] MONTOLIU ROURA, IVAN, CH
[72] SCHERER, MAX, DE
[71] NESTEC S.A., CH
[85] 2016-05-17
[86] 2014-12-09 (PCT/EP2014/077038)
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[25] EN
[54] **APPARATUS AND METHOD FOR MONITORING AND CONTROLLING DETECTION OF STRAY VOLTAGE ANOMALIES USING A PHOTONIC SENSOR**
[54] **APPAREIL ET PROCEDE DE SURVEILLANCE ET DE COMMANDE DE LA DETECTION D'ANOMALIES DE TENSION PARASITE A L'AIDE D'UN CAPTEUR PHOTONIQUE**
[72] KALOKITIS, DAVID, US
[71] POWER SURVEY LLC, US
[85] 2016-05-16
[86] 2015-01-06 (PCT/US2015/010256)
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[51] **Int.Cl. A47C 1/032 (2006.01)**
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[54] **CHAIR WITH ADJUSTABLE BACKREST**
[54] **SIEGE A DOSSIER REGLABLE**
[72] DONATI, ARMANDO, IT
[71] DONATI S.P.A., IT
[85] 2016-05-17
[86] 2014-12-11 (PCT/EP2014/077362)
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[25] EN
[54] **APPARATUS AND METHOD FOR CHILLING OR FREEZING**
[54] **APPAREIL ET PROCEDE DE REFRIGERATION OU DE CONGELATION**
[72] LANG, GARY D., US
[72] GIRARD, JOHN M., US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2016-05-16
[86] 2015-01-13 (PCT/US2015/011207)
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[51] **Int.Cl. B60C 15/02 (2006.01) B60B 21/12 (2006.01) B60C 5/16 (2006.01)**
[25] EN
[54] **ADAPTER FOR ROLLING ASSEMBLY AND ROLLING ASSEMBLY COMPRISING SAME**
[54] **ADAPTATEUR POUR ENSEMBLE ROULANT ET ENSEMBLE ROULANT LE COMPRENANT**
[72] AHOUANTO, MICHEL, FR
[72] PINEAU, JACKY, FR
[72] TOPIN, ARTHUR, FR
[72] BESTGEN, LUC, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
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[25] EN
[54] **REGIMEN AND METHOD FOR TREATMENT OF TYPE 2 DIABETES**
[54] **SCHEMA THERAPEUTIQUE ET METHODE DE TRAITEMENT DU DIABETE**
[72] LICHTI, GOTTFRIED, AU
[72] LICHTI, CHRISTOPHER WALTER, AU
[71] OMNIBLEND INNOVATION PTY LTD, AU
[85] 2016-05-17
[86] 2014-11-19 (PCT/AU2014/001065)
[87] (WO2015/074103)
[30] AU (2013904467) 2013-11-19

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[51] **Int.Cl. B60B 5/02 (2006.01) B60B 21/02 (2006.01) B60B 25/00 (2006.01)**
[25] EN
[54] **FLEXIBLE WHEEL RIM WITH FLOATING HOOKS**
[54] **JANTE SOUPLE A CROCHETS FLOTTANTS**
[72] MERINO LOPEZ, JOSE, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[85] 2016-05-17
[86] 2014-12-17 (PCT/EP2014/078177)
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[54] **FLEXIBLE WHEEL RIM WITH FLOATING HOOKS**
[54] **JANTE SOUPLE A CROCHETS FLOTTANTS**
[72] MERINO LOPEZ, JOSE, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
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[25] EN
[54] **SYSTEM AND METHOD FOR INTELLIGENT REFUELLING OF A PRESSURISED VESSEL**
[54] **SYSTEME ET PROCEDE DE RAVITAILLEMENT INTELLIGENT D'UNE CUVE SOUS PRESSION**
[72] WHITEMAN, PAUL ANTHONY, AU
[72] FEKETE, DEREK SHANE, AU
[71] MOSAIC TECHNOLOGY DEVELOPMENT PTY LTD, AU
[85] 2016-05-17
[86] 2014-11-18 (PCT/AU2014/050356)
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[54] **SQUEEZABLE BOTTLE FOR ASEPTIC FILLING WITH VISCOUS FOOD**
[54] **BOUTEILLE COMPRESSIBLE DE CONDITIONNEMENT ASEPTIQUE CONTENANT DES ALIMENTS VISQUEUX**
[72] RIGARDO, ANDREA, CH
[72] CHEVET, FANNY, CH
[71] NESTEC S.A., CH
[85] 2016-05-17
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[25] EN
[54] **BIOMARKER SIGNATURE METHOD, AND APPARATUS AND KITS THEREFOR**
[54] **PROCEDE DE SIGNATURE DE BIOMARQUEURS, ET APPAREIL ET KITS ASSOCIES**
[72] BRANDON, RICHARD BRUCE, AU
[72] MCHUGH, LEO CHARLES, US
[71] IMMUNEXPRESS PTY LTD, AU
[85] 2016-05-17
[86] 2015-02-06 (PCT/AU2015/050043)
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[25] EN
[54] **AN IMPROVED OLIGONUCLEOTIDE INHIBITOR OF DNA POLYMERASES**
[54] **INHIBITEUR OLIGONUCLEOTIDIQUE AMELIORE DE POLYMERASES D'ADN**
[72] FISS, ELLEN H., US
[72] SAN FILIPPO, JOSEPH, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-05-17
[86] 2014-12-18 (PCT/EP2014/078350)
[87] (WO2015/091720)
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[51] **Int.Cl. A47C 7/50 (2006.01) A47C 16/02 (2006.01) B60N 2/44 (2006.01) B60N 3/06 (2006.01) B64D 11/06 (2006.01)**
[25] EN
[54] **TRAVEL SUPPORT DEVICE**
[54] **DISPOSITIF DE SUPPORT PENDANT UN DEPLACEMENT**
[72] CAYZER, JENNIFER, AU
[71] CAYZER, JENNIFER, AU
[85] 2016-05-17
[86] 2015-05-20 (PCT/AU2015/050260)
[87] (WO2015/176130)
[30] AU (PCT/AU2014/000533) 2014-05-21
[30] AU (2014903142) 2014-08-12

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[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **MULTIPLEXED NUCLEIC ACID TARGET IDENTIFICATION BY STRUCTURE BASED PROBE CLEAVAGE**
[54] **IDENTIFICATION D'UNE CIBLE D'ACIDE NUCLEIQUE MULTIPLEXEE PAR UN CLIVAGE DE SONDE REPOSANT SUR UNE STRUCTURE**
[72] GUPTA, AMAR, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-05-17
[86] 2014-12-18 (PCT/EP2014/078418)
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[54] **SEDAN SLOUCH SEAT**
[54] **SIEGE INCLINABLE POUR BERLINE**
[72] ZIMMERMAN, RONALD A., II, US
[71] MAGNA SEATING INC., CA
[85] 2016-05-17
[86] 2014-11-19 (PCT/CA2014/000839)
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[25] EN
[54] **THERAPY REGIMEN FOR TREATING SEVERE ACNE RELATED DISEASES**
[54] **REGIME DE TRAITEMENT POUR TRAITER DES MALADIES LIEES A UNE ACNE SEVERE**
[72] AUDIBERT, FABIEN, FR
[72] KERROUCHE, NABIL, FR
[72] SOTO, PASCALE, FR
[71] GALDERMA RESEARCH & DEVELOPMENT, FR
[85] 2016-05-17
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[51] **Int.Cl. B60C 15/02 (2006.01) B60B 21/12 (2006.01) B60C 5/16 (2006.01)**
[25] EN
[54] **ADAPTER FOR ROLLING ASSEMBLY AND ROLLING ASSEMBLY COMPRISING SAME**
[54] **ADAPTATEUR POUR ENSEMBLE ROULANT ET ENSEMBLE ROULANT LE COMPRENANT**
[72] AHOUANTO, MICHEL, FR
[72] BESTGEN, LUC, FR
[72] TOPIN, ARTHUR, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
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[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **ELEMENT OF A CAPSULE AND CAPSULE CONTAINING GROUND COFFEE INGREDIENT**
[54] **ELEMENT DE CAPSULE ET CAPSULE CONTENANT UN INGREDIENT DE CAFE MOULU**
[72] MATHIAS, PATRICIA ANN, US
[72] DJAMER, ABDENOUR, CH
[72] VILLAIN, OLIVIER, CH
[72] GUENAT, CHRISTIAN, CH
[72] SARRAZIN-HORISBERGER, CELINE, CH
[72] MESTDAGH, FREDERIC, CH
[72] EICHLER, PAUL, CH
[72] KESSLER, ULRICH, CH
[72] CLOSSET, ETIENNE, CH
[71] NESTEC S.A., CH
[85] 2016-05-17
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[87] (WO2015/104171)
[30] EP (14150447.2) 2014-01-08

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[51] **Int.Cl. A23F 5/08 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **PROCESS OF PREPARING GROUND COFFEE INGREDIENT AND CAPSULE CONTAINING SUCH INGREDIENT**
[54] **PROCEDE DE PREPARATION D'UN INGREDIENT DE CAFE MOULU ET CAPSULE CONTENANT UN TEL INGREDIENT**
[72] MATHIAS, PATRICIA ANN, US
[72] DJAMER, ABDENOUR, CH
[72] VILLAIN, OLIVIER, CH
[72] GUENAT, CHRISTIAN, CH
[72] SARRAZIN-HORISBERGER, CELINE, CH
[72] MESTDAGH, FREDERIC, CH
[72] EICHLER, PAUL, CH
[72] KESSLER, ULRICH, CH
[72] CLOSSET, ETIENNE, CH
[71] NESTEC S.A., CH
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[30] EP (14150446.4) 2014-01-08

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[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD FOR SCREENING REAGENTS USED IN PCR ASSAYS**
[54] **METHODES DE CRIBLAGE DE REACTIFS UTILISES DANS DES ESSAIS PCR**
[72] SCHOENBRUNNER, NANCY, US
[72] ANACLETO, CONCORDIO, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-05-17
[86] 2014-12-22 (PCT/EP2014/078965)
[87] (WO2015/097137)
[30] US (61/919,943) 2013-12-23

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[13] A1
[51] **Int.Cl. C07C 409/22 (2006.01)**
[25] EN
[54] **PARTICLE SUSPENSIONS OF FLOCCULATING POLYMER POWDERS AND POWDER FLOCCULANT POLYMER BLENDS**
[54] **SUSPENSIONS PARTICULAIRES DE POUDRES POLYMERES FLOCULANTES ET MELANGES POLYMERES FLOCULANTS EN POUDRE**
[72] HOLT, JASON, US
[71] PSMG, LLC, US
[85] 2016-05-17
[86] 2014-10-28 (PCT/US2014/062671)
[87] (WO2015/080823)
[30] US (14/092,385) 2013-11-27
[30] US (14/182,158) 2014-02-17

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[51] **Int.Cl. A61B 17/72 (2006.01) A61B 17/88 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR AN INTRAMEDULLARY IMPLANT AND METHOD OF IMPLANTATION THEREFOR**
[54] **PROCEDE ET APPAREIL ASSOCIES A UN IMPLANT INTRAMEDULLAIRE ET PROCEDE D'IMPLANTATION DE CELUI-CI**
[72] CHENEY, DANIEL F., US
[72] PANCRATZ, DAVID J., US
[71] BIOMEDICAL ENTERPRISES, INC., US
[85] 2016-05-17
[86] 2014-11-17 (PCT/US2014/065893)
[87] (WO2015/073942)
[30] US (61/962,914) 2013-11-18
[30] US (61/998,037) 2014-06-16
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[54] **ADAPTATEURS DEGRADABLES POUR REDUCTION DE BRUIT DE FOND**
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[72] LANGMORE, JOHN, US
[72] TESMER, TIM, US
[71] RUBICON GENOMICS, INC., US
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# Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

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[54] **VARIETE DE MAIS HBA2631**
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[71] SYNGENTA PARTICIPATIONS AG, CH
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[54] **VARIETY CORN LINE GAA2020**
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[72] DE DREU, ADRIAN JAN, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
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[54] **VARIETY CORN LINE IAX3405**
[54] **VARIETE DE MAIS IAX3405**
[72] DELZER, BRENT, US
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[54] **APPAREIL DE NETTOYAGE D'INSTRUMENTS CHIRURGICAUX**
[72] SAPIENZA, JONATHAN W., US
[72] RICHARD, PAUL D., US
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[54] **FATTY ACID AND DERIVATIVES PRODUCTION**
[54] **PRODUCTION D'ACIDES GRAS ET DERIVES D'ACIDES GRAS**
[72] HAAS, THOMAS, DE
[72] POTTER, MARKUS, CN
[72] SCHAFFER, STEFFEN, DE
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[54] **METHOD AND APPARATUS FOR REMOVING OIL FROM A BODY OF WATER**
[54] **METHODE ET APPAREIL D'ENLEVEMENT D'HUILE D'UN PLAN D'EAU**
[72] BECKER, WILLIAM R., US
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[54] **PROCEDE DE SOUDAGE VIF ET DISPOSITIF POUR LA REMISE EN ETAT DE CELLULE ELECTROLYTIQUE EN ALUMINIUM SOUS UNE SERIE DE COURANT INTEGRAL**
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[71] CHINA ALUMINUM INTERNATIONAL ENGINEERING CORPORATION LIMITED, CN
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[54] **TUMOR-ASSOCIATED PEPTIDES BINDING PROMISCUOUSLY TO HUMAN LEUKOCYTE ANTIGEN (HLA) CLASS II MOLECULES**
[54] **PEPTIDES ASSOCIES AUX TUMEURS QUI SE LIENT ETROITEMENT AUX MOLECULES DU SYSTEME MAJEUR D'HISTOCOMPATIBILITE HUMAIN (HLA) DE LA CLASSE II**
[72] DENGJEL, JORN, DK
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[72] CONRAD, WAYNE ERNEST, CA
[71] OMACHRON INTELLECTUAL PROPERTY INC., CA
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[54] **PHARMACEUTICAL FORMULATIONS CONTAINING DAPAGLIFLOZIN PROPYLENE GLYCOL HYDRATE**
[54] **PREPARATIONS PHARMACEUTIQUES CONTENANT DE L'HYDRATE DE PROPYLENEGLYCOL DE DAPAGLIFLOZINE**
[72] BINDRA, DILBIR S., US
[72] DALI, MANDAR V., US
[72] PARAB, PRAKASH V., US
[72] PATEL, JATIN M., US
[72] TAO, LI, US
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[54] **SYSTEME ET PROCEDE DE MODULATION DE DEMARCHE**
[72] DAR, AMIT, IL
[72] SHALEV, YOSSEF, IL
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[72] NATHAN, ROGER, IL
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[72] CURTIS, MICHAEL, US
[72] DUCLOS, BRIAN A., US
[72] EWIN, RICHARD A., US
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[72] VAIRAGOUNDAR, RAJENDRAN, US
[72] BILLEN, DENIS, US
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[72] SHEEHAN, SUSAN M. K., US
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[54] **ASSAYS, METHODS AND KITS FOR PREDICTING RENAL DISEASE AND PERSONALIZED TREATMENT STRATEGIES**
[54] **ESSAIS, PROCEDES ET TROUSSES POUR LA PREDICTION D'UNE MALADIE RENALE, ET STRATEGIES PERSONNALISEES DE TRAITEMENT**
[72] FORNONI, ALESSIA, US
[72] BURKE, GEORGE WILLIAM, US
[72] MERSCHER-GOMEZ, SANDRA, US
[71] UNIVERSITY OF MIAMI, US
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[71] SET-RITE PRODUCTS, LLC, US
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[72] SMITH, COLIN, GB
[72] PURKIS, DANIEL G., GB
[71] PETROWELL LIMITED, GB
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[54] **LEAFED-VALVE SUBASSEMBLY FOR A PERCUTANEOUSLY IMPLANTABLE PROSTHETIC HEART VALVE**
[54] **SOUS DISPOSITIF DE VALVULE A BATTANT DESTINE A UNE VALVULE CARDIAQUE PROSTHETIQUE IMPLANTABLE DE MANIERE SOUS-CUTANEE**
[72] SPENSER, BENJAMIN, IL
[72] BENICHU, NETANEL, IL
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[54] **DRUG INFUSION SYSTEM WITH REUSABLE AND DISPOSABLE COMPONENTS**
[54] **SYSTEME DE PERFUSION DE MEDICAMENT COMPRENANT DES COMPOSANTS REUTILISABLES ET JETABLES**
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[72] MARSOT, TRAVIS, US
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[54] **WHITEFLY ECDYSONE RECEPTOR NUCLEIC ACIDS, POLYPEPTIDES, AND USES THEREOF**
[54] **ACIDES NUCLEIQUES, POLYPEPTIDES DU RECEPTEUR DE L'ECDYSONE DES ALEYRODIDAE ET UTILISATIONS CES DERNIERS**
[72] ZHANG, JIANZHONG, US
[72] CRESS, DEAN ERVIN, US
[72] PALLI, SUBBA REDDY, US
[72] DHADIALLA, TARLOCHAN SINGH, US
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[54] **CONJUGUES GLUCIDIQUES UTILISES EN TANT QU'AGENTS D'ADMINISTRATION POUR DES OLIGONUCLEOTIDES**
[72] MANOHARAN, MUTHIAH, US
[72] RAJEEV, KALLANTHOTTATHIL G., US
[72] NARAYANANNAIR, JAYAPRAKASH K., US
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[54] **LARGE LIQUIDITY SEEKING TRADING PLATFORM**
[54] **PLATEFORME D'ECHANGE EN QUETE DE LIQUIDITE IMPORTANTE**
[72] FARNSTROM, AMY JOY, US
[72] CRUTCHFIELD, STEVE G., US
[72] HYDE, JAMES, US
[71] NYSE GROUP, INC., US
[22] 2014-12-22
[41] 2015-06-30
[62] 2,876,721
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[51] **Int.Cl. G06Q 40/04 (2012.01)**
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[54] **ATTENUATION DES RISQUES DANS UN SYSTEME DE NEGOCIATION ELECTRONIQUE**
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[71] NYSE GROUP, INC., US
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[54] **COMPOSITIONS D'ANTICORPS CONJUGUES A UN MAYTANSINOIDE**
[72] ZHANG, WEI, US
[72] FLEMING, MICHAEL, US
[72] CHIH, HUNG-WEI, US
[72] AMPHLETT, GODFREY, US
[71] IMMUNOGEN, INC., US
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[25] EN
[54] **USE OF I) A POLYGLYCOL AND II) AN ACTIVE DRUG SUBSTANCE FOR THE PREPARATION OF A PHARMACEUTICAL COMPOSITION FOR I)MITIGATING THE RISK OF ALCOHOL INDUCED DOSE DUMPING AND/OR II) REDUCING THE RISK OF DRUG ABUSE**
[54] **UTILISATION (I) D'UN POLYGLYCOL ET (II) D'UNE SUBSTANCE MEDICAMENTEUSE ACTIVE DANS LA PREPARATION D'UNE COMPOSITION PHARMACEUTIQUE DESTINEE (I) A REDUIRE LE RISQUE DE LIBERATION MASSIVE INDUITE PAR L'ALCOOL ET/OU (II) A REDUIRE LE RISQUE DE TOXICOMANIE MEDICAMENTEUSE**
[72] DOWNIE, KEN, GB
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[71] EGALET LTD., GB
[22] 2008-01-16
[41] 2008-07-24
[62] 2,674,536
[30] DK (PA 2007 00063) 2007-01-16
[30] US (60/885,106) 2007-01-16

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[21] **2,930,586**
[13] A1
[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **CLICK BASED TRADING WITH INTUITIVE GRID DISPLAY OF MARKET DEPTH**
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[71] TRADING TECHNOLOGIES INTERNATIONAL, INC., US
[22] 2001-03-02
[41] 2001-09-07
[62] 2,803,907
[30] US (60/186,322) 2000-03-02
[30] US (09/590,692) 2000-06-09

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[21] **2,930,680**
[13] A1
[51] **Int.Cl. B60B 27/00 (2006.01)**
[25] EN
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[72] PITMAN, KENNETH P., US
[71] CROWN PARTS AND MACHINE INC., US
[22] 2014-07-22
[41] 2015-01-26
[62] 2,857,466
[30] US (13/952,390) 2013-07-26

[21] **2,930,689**
[13] A1
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/172 (2006.01) G08B 21/18 (2006.01) H02J 1/00 (2006.01) H02J 7/00 (2006.01)**
[25] EN
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[72] ARMSTRONG, PATRICIA M., US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
[22] 2009-04-01
[41] 2009-12-03
[62] 2,718,924
[30] US (61/041,291) 2008-04-01
[30] US (61/165,592) 2009-04-01

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LANHAM, GREGORY TREAT 2,765,501
LANIER, ERNEST RANDALL 2,713,105
LANTZ, LOREN J. 2,676,255
LAPOINTE, ROCH 2,894,327
LAPPOS, NICHOLAS 2,820,001
LARIVIERE, PHILLIP MICHAEL 2,606,278
LARKINS, NICHOLAS JOHN 2,603,512
LARSON, STEPHEN N. D. 2,617,923
LARSON, THOMAS ROBERT 2,796,811
LASLO, DENNIS JAMES 2,820,516
LATHROP, TODD M. 2,629,642
LATHROP, TODD M. 2,629,681
LAURENT, PHILLIPPE 2,707,409
LAVERY, BRIAN 2,698,554
LAVERY, KIERAN 2,698,554
LAW, DEREK 2,721,944
LE BRAS, KARINE 2,685,199
LE FLEM, GRAHAM 2,683,833
LE GALLO, PATRICK 2,699,996
LE VELY, JULIEN 2,648,448
LE, ANDREW PHONG 2,774,977
LE, DZUNG 2,803,114
LEAHY, SCOTT 2,465,935
LEBEDEVA, IRINA 2,797,689
LEBLANC, ALADAIN JOSEPH 2,830,417
LEBRETON, BENEDICTE 2,478,925
LEE, BOON KWEE 2,798,795
LEE, DAE WON 2,793,069
LEE, GARY R. 2,664,305
LEE, HEUNG-GOO 2,849,849
LEE, JOANNE J. 2,775,430
LEE, JOANNE L. 2,774,623
LEE, WILLIAM 2,698,554
LEED, ELAM A. 2,638,653
LEFEBVRE, YVES 2,749,160
LEFILLASTRE, PAUL 2,694,002
LEGG, DANIEL JAMES 2,821,787
LEHMANN, CHRISTIAN 2,722,332
LEHR, JOERG 2,852,502
LEMBCKE, JEFFREY J. 2,800,593
LEMENOVSKI, DMITRY ANATOLJEVICH 2,736,894
LEPAGE, MARC ANTHONY 2,737,975
LEPP, JAMES RANDOLPH WINTER 2,791,674
LESCARBEAU, ANDRE 2,673,995
LESLIE, SCOTT M. 2,824,713
LEUCHTENBERG, CHRISTIAN 2,867,384
LEVEAUX, MARC 2,832,357
LEVESQUE, STEVEN F. 2,646,324
LEVINE, BENJAMIN DAVID 2,843,657
LEVINE, RODNEY L. 2,695,950
LEYWOOD, NATARSHA SKYE 2,693,596
LEYWOOD, NICHOLAS 2,693,596
LG ELECTRONICS INC. 2,793,069
LI, DAYONG 2,780,724
LI, DONGSHENG 2,887,380
LI, JINMIN 2,780,724
LI, SHU-TUNG 2,807,581
LI, XIANGDONG 2,779,315
LI, XINGONG 2,703,179
LI, YUHUA 2,714,506
LI, ZHIJUN 2,779,315
LIANG, WEI-CHING 2,533,297
LIANG, YANGANG 2,688,608
LIAO, YIN-HSI 2,826,956
LIEBAU, MARTIN 2,788,196
LIM, JEFFREY 2,808,011
LIN, CHIA-YEN 2,888,320
LIN, CHIH C. 2,730,409
LIN, YAKANG 2,812,028
LINDACHER, JOSEPH MICHAEL 2,589,500
LINDELSEE, MICHAEL 2,684,614
LIPP, CHARLES 2,713,117
LIPSDORF, ANTJE 2,722,802
LISS, JONATHAN M. 2,773,883
LISSIANSKI, VITALI 2,651,147
LITTLE, HERBERT A. 2,697,956
LITTLE, HERBERT ANTHONY 2,713,787
LITTLELY, KEITH WILLIAM 2,825,533
LITWINSKI, KAI 2,852,502
LIU, MINGYUAN 2,849,785
LIU, XIAOFENG 2,721,837
LIVNEH, OFER 2,910,184
LIZIO, ROSARIO 2,769,152
LLOYD, ROBYN ELIZABETH 2,664,698
LMK TECHNOLOGIES, LLC 2,846,834
LOBINGER, HILDEGARD 2,653,344
LOCKLIN, JASON 2,752,614
LOEHN, MATTHIAS 2,728,128
LOGAN, KEVIN D. 2,773,207
LOGRHYTHM, INC. 2,817,576
LOHMUELLER, STEVEN JOSEPH 2,720,934
LONDON HEALTH SCIENCES CENTRE RESEARCH INC. 2,702,366
LONGMEN GETMORE POLYURETHANE CO., LTD. 2,888,320
LORE, VITO 2,829,524
LORENZ, KATHRINE OSBORN 2,596,876
LORENZ, KATRIN 2,728,128
LORENZ, ROBERT 2,751,282
LORETI, ALBERTO 2,786,769
LOS, OLEG 2,791,674
LOU, YAN 2,708,361
LOVE, PETER 2,853,583
LTS LOHMANN THERAPIE-SYSTEME AG 2,645,823
LTS LOHMANN THERAPIE-SYSTEME AG 2,728,975
LU, I-TAI 2,636,157
LU, JIE 2,725,317
LUAN, WENQI 2,702,631
LUBINSKI, ALEXANDER A. 2,846,238
LUCAS, DELBERT E. 2,729,341
LUCAS, ELODIE CHANTAL 2,745,178
LUEBBERS, THOMAS 2,703,824
LUEHR, GARY W. 2,802,188
LUGOVSKYI, OLEKSANDR 2,792,976
LUO, YUANFENG 2,612,772
LUYSTER, MARK 2,691,804
LUYT, LEONARD G. 2,702,366
LYNXRAIL CORPORATION 2,769,329
M&G USA CORPORATION 2,695,466
M'MWIRICHIA, JOSEPH M. 2,559,209
M-I LLC 2,691,804
MAC VALVES, INC. 2,734,339
MACDONALD, JANET 2,671,729
MAGNA INTERNATIONAL INC. 2,676,404
MAGNUM MAGNETICS CORP. 2,680,782
MAHAL, PETER T. 2,672,730
MAHANY, RICHARD J. 2,775,819
MAHER, STEPHEN 2,698,554
MAHONEY, WILLIAM JOHN 2,789,755
MAIENFISCH, PETER 2,702,445
MAIENFISCH, PETER 2,759,278
MAIEUTIC ENTERPRISES INC. 2,894,983
MAIRE, PATRICK 2,706,128
MAKABE, TAKUMI 2,840,694
MAKAROV, VLADIMIR L. 2,559,209
MAKINADJIAN, BRICE 2,871,393

MALFROY, MICHEL 2,706,128
MALININ, YURIY 2,680,323
MALLICK, SHRESTHA BASU 2,624,790
MALM, JOHAN 2,705,820
MALOWANIEC, KRZYSZTOF D. 2,741,322
MALY, PETER MARTIN 2,651,147
MANCINI, ALFRED 2,720,197
MANCINI, ALFRED 2,720,241
MANCINI, ALFRED 2,720,253
MANCINI, ALFRED 2,720,934
MANEA, RADU ALEXANDRU 2,638,443
MANGIARDI, JOHN R. 2,615,534
MANJON, NURIA 2,720,421
MANLEY, STEPHEN 2,789,755
MANNESSE, MAURICE 2,632,400
MANNS, TIMOTHY J. 2,797,899
MANTEI, ROBERT 2,759,182
MANTIUS, HAROLD L. 2,811,404
MARAKOVITS, STEVEN 2,718,834
MARGIORIS, ANDREAS 2,691,071
MARK, BERNHARD 2,672,861
MARKING, AARON 2,714,680
MARKSTEINER, RAINER 2,693,689
MARLIN, FRANCOIS 2,648,907
MARMANN, ANDREA 2,851,472
MARQUES-SANCHEZ, MANUEL 2,707,001
MARQUEZ, ANTONIO 2,653,861
MARRIOTT CONSTRUCTION, INC. 2,853,025
MARS, INCORPORATED 2,634,127
MARSCHKE, DEAN DAVID 2,729,731
MARTENS, FRANCISCUS JOHANNA ARNOLDUS 2,670,795
MARTI VIA, JOSEP 2,709,650
MARTIN, ANTONIETTA PAMELA 2,719,883
MARTIN, FRANCK 2,624,923
MARTIN, RAINER E. 2,708,372
MARTY, ANTOINE 2,694,002
MARUN, CAROLINA 2,707,001
MARVEL INNOVATIONS INC. 2,795,889
MARYAMCHIK, MIKHAIL 2,639,596
MARZ, HEIKO 2,731,968
MASON, ROBERT T., JR. 2,809,961
MASSER, PAUL 2,794,158
MASSON, RICHARD 2,809,396
MASTERCARD INTERNATIONAL INCORPORATED 2,710,753
MASTERSON, BERNARD PATRICK 2,748,793
MASTERSON, IAN FRANCIS 2,789,755
MATA, GILBERT, JR. 2,846,238
MATHER, JON 2,642,206
MATROSOVA, VERA K. 2,695,950
MATSCHINER, GABRIELE 2,713,557
MATSUMOTO, MAKOTO 2,862,193
MATSUMURA, YASUSHI 2,736,039
MATSUOKA, SAIJI 2,805,834
MATSUSHIMA, SATOSHI 2,616,497
MATTAR, BRIGIDE 2,707,312
MATTHEES, EDWARD 2,703,280
MAUFFETTE, CLAUDE 2,887,992
MAULDIN, C. MICHAEL 2,754,581
MAX-PLANCK-GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN E.V. 2,691,799
MAXOR INC. 2,887,992
MAXWELL, PETER 2,795,960
MAZUR , VETEZSLAV 2,759,464
MAZZELL, PAUL 2,710,218
MBDA FRANCE 2,744,879
MCAREE, PETER ROSS 2,711,550
MCCABE, KEVIN P. 2,596,876
MCCARTHY, JIM 2,702,366
MCCARVILLE, REBECCA 2,703,280
MCCOLLOUGH, JAMES M. 2,820,001
MCCONVILLE, PAUL J. 2,774,623
MCCONVILLE, PAUL J. 2,775,430
MCCORMICK, MATTHEW 2,741,254
MCCUE, MOLLY E. 2,677,911
MCDONOUGH, PADRAIG 2,875,087
MCDOWELL, JAMES KERWIN 2,895,195
MCGEEHAN, THOMAS 2,710,753
MCGINNIS, SEAN P. 2,670,789
MCKENNA, GREG 2,845,638
MCMASTERS, MARIE ANN 2,720,197
MCMASTERS, MARIE ANN 2,720,241
MCMASTERS, MARIE ANN 2,720,253
MCMASTERS, MARIE ANN 2,720,934
MCNAB, DAVID S. 2,617,923
MCRAE, STUART 2,676,255
MEADWESTVACO CORPORATION 2,812,703
MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH 2,693,409
MEDINA FUENTES, EVA MARIA 2,709,650
MEDOVENT GMBH 2,771,490
MEDZIUS, JOSEPH 2,850,310
MEHTUPCIU-IONESCU, ELENA 2,812,177
MEIER, BERND HORST 2,755,829
MEIER, CLARA 2,755,829
MEIER, NELE 2,755,829
MEIJI CO., LTD. 2,814,492
MEIJI SEIKA PHARMA CO., LTD. 2,678,542
MEIS, CHARLES STEVEN 2,829,887
MELIEF, CORNELIS JOHANNES MARIA 2,431,500
MENACEUR, DJAMIL-FAYCAL 2,712,183
MENCHACA, HECTOR J. 2,906,774
MENDOR OY 2,615,729
MENZIES, ANDREW HARLEY 2,713,984
MERFORT, IRMGARD 2,678,427
MERZ, CHRISTOPHER J. 2,710,753
MERZ, THOMAS 2,744,352
MESSIER, BERNADETTE 2,676,255
MESSIER-BUGATTI-DOWTY 2,809,396
MESTERS, ROLF M. 2,535,856
METCALF, CHESTER A. 2,650,273
METOEVI, ISABELLE 2,837,358
MEYER, EMMANUEL 2,719,569
MEYER, PETER F. 2,603,709
MHE TECHNOLOGIES, INC. 2,652,943
MICHALEK, VAN N. 2,906,774
MICHELS, PAUL 2,851,472
MICHNACS, MARION 2,839,714
MICKELSON, JAMES R. 2,677,911
MICRO MOTION, INC. 2,765,501
MICRO MOTION, INC. 2,770,135
MICROBIDE LIMITED 2,719,883
MICROPUMP, INC. 2,698,208
MILLARD, JOY T. 2,442,629
MILLER, CHARLES J. 2,671,795
MILLER, MICHAEL R. 2,838,554
MILLIMAN, KEITH L. 2,657,764
MILTNER, KARL 2,751,282
MINAS, VASSILIOS 2,691,071
MINTA, MOSES 2,777,768
MISHKIN, ERIC 2,655,405
MISRA, GARIMA 2,882,021
MITCHELL, STEPHEN CRAIG 2,716,993
MITEK HOLDINGS, INC. 2,790,659
MITEL NETWORKS CORPORATION 2,745,493
MITEL NETWORKS CORPORATION 2,745,821
MITROVIC, MILAN 2,812,452
MITSCH, BRIAN 2,918,887
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,806,691
MITTRICKER, FRANKLIN 2,777,768
MIYAHARA, OSAMU 2,869,289
MIYOSHI, HIDENOBU 2,779,486
MIZUSHIMA, HIDEFUMI 2,474,943
MOECKLI, DANIEL 2,586,925
MOHRING, HANS-CHRISTIAN 2,852,502
MOINI, AHMAD 2,679,590
MOLENBERGHS, BART 2,649,204
MOLINIER, MICHEL 2,842,809
MOLITORIS, ALLEN 2,748,793
MOLNAR, KARL 2,703,252
MONESMITH, TAMARA 2,602,434
MONGE, MAURO 2,840,345
MONTENEGRO, RIVELINO 2,771,490
MOOSAVI, VAHID 2,752,972
MORAZZONI, PAOLO 2,718,384
MORENO, CARLOS 2,732,247
MORGAN, JUDGE W., III 2,604,050
MORGAN, JUDGE W., III 2,820,295
MORI, KOICHI 2,774,466
MORIMITSU, KENTARO 2,774,623
MORIMITSU, KENTARO 2,774,656
MORIMITSU, KENTARO 2,775,192
MORITA, MIKIO 2,761,639
MORITO, TAKUMI 2,727,327
MORNET, STEPHANE 2,650,008
MORONEY, SIMON 2,229,043
MORPHOSYS AG 2,229,043
MORRIS-WATSON, MICHAEL EDWARD 2,811,387
MORRISON, KAREN JANE MEYRICK 2,462,653
MORRISON, ROBERT KENDALL 2,462,653

MOSER, JANICE 2,655,405
MOSER, ROLAND 2,672,861
MOTOROLA SOLUTIONS, INC. 2,798,802
MOTOROLA SOLUTIONS, INC. 2,870,670
MOTOYA, DAISUKE 2,826,893
MOTTE, MAGALI MADELEINE SIMONE 2,668,558
MOVCHANYUK, ANDREY 2,792,976
MOYEDA, DAVID KELLY 2,653,861
MOZER, WIFRIED 2,718,920
MTD PRODUCTS INC 2,729,341
MUEHLBAUER, UDO 2,734,102
MUEHLEBACH, MICHEL 2,702,445
MUELLER, ACHIM 2,658,907
MUELLER, MARK ANTHONY 2,718,834
MULLBACHER, ARNO 2,733,356
MULLIE, ERIC 2,702,013
MUNIKOTI, VIJAYENDRA 2,849,139
MURATA, TAKAHIKO 2,736,039
MURRAY, SEAN MACLEAN 2,747,553
MUSALE, DEEPAK A. 2,687,237
MUSHTAQ, IMRANA 2,693,281
MUYSHONDT, ROB 2,649,204
NAGATA, TSUTOMU 2,791,505
NAGAYAMA, HIROYUKI 2,826,893
NAGEL, CHRISTOPH 2,665,015
NAKAGAITO, TATSUYA 2,805,834
NAKAGAWA, AKIRA 2,779,486
NAKAJIMA, MASAYUKI 2,818,172
NAKAJIMA, MASAYUKI 2,858,186
NAKAMURA, TETSUYA 2,815,344
NAKAMURA, YUSUKE 2,616,497
NALCO COMPANY 2,687,237
NAMIE, KENJI 2,806,257
NANDA, SANJIV 2,720,322
NANDAGOPALAN, SAISHANKAR 2,720,322
NANO-C, INC. 2,655,135
NANOCO TECHNOLOGIES LIMITED 2,693,281
NAPHAD, SACHIN 2,694,184
NARASIMHAN, KILAMBI 2,715,069
NARAYANAM, MARUTHIKUMAR 2,715,069
NARAYANAN, SHRIDHAR 2,715,069
NARAYANAN, SUKUNATH 2,715,069
NARDI, RONALD V. 2,646,324
NASH, ANDREW DONALD 2,666,679
NATIONAL HEALTH RESEARCH INSTITUTES 2,722,220
NATIONAL OILWELL VARCO, L.P. 2,773,207
NATIONAL OILWELL VARCO, L.P. 2,796,811
NATIONAL OILWELL VARCO, L.P. 2,842,188
NATURAL SECURITY 2,702,013
NAVARRO-MASCARELL, RAUL 2,691,804
NEILL, PAUL H. 2,671,795
NEKHOTIAEVA, NATALIA 2,705,820
NELSON, ERIC D. 2,777,768
NELSON, GARTH M. 2,612,772
NEOPHYTOU, CONSTANTINOS 2,691,071
NEPLENBROEK, ANTONIUS MARIA 2,745,178
NESTEC S.A. 2,707,391
NETSTAL-MASCHINEN AG 2,714,344
NEUMANN, PAUL 2,754,555
NEUMULLER, ALEXANDRA 2,722,802
NEUSINGER, MATTHIAS 2,796,292
NEWBERG, DONALD G. 2,870,670
NEWPARK MATS & INTEGRATED SERVICES LLC 2,895,195
NEWTERRA LTD. 2,833,412
NEYRINCK, AUDREY MARTINE 2,733,551
NGUYEN, WIN 2,669,517
NICHOLLS, STEPHEN 2,910,880
NICHOLS, WALTER A. 2,698,547
NICOLAOU, MARIOS 2,627,611
NICULAS, CORNELIUS DANIEL 2,589,500
NIKOPOURDEILAMI, HOSEIN 2,773,954
NIPPON SHARYO, LTD. 2,862,780
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,826,893
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,849,667
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,869,289
NIRSCHL, ALEXANDRA A. 2,653,344
NISSAN MOTOR CO., LTD. 2,845,777
NISSAN MOTOR CO., LTD. 2,878,225
NISSAN MOTOR CO., LTD. 2,886,571
NISSAN MOTOR CO., LTD. 2,908,452
NISSINEN, TIMO 2,721,165
NITTO DENKO AVECIA INC. 2,721,969
NITTO DENKO CORPORATION 2,676,255
NOBEL BIOCARE SERVICES AG 2,760,123
NOETIC TECHNOLOGIES INC. 2,764,238
NOGUCHI, KENGO 2,791,505
NOGUEIRA, MARCO P. 2,811,755
NOKIA TECHNOLOGIES OY 2,774,466
NOKIA TECHNOLOGIES OY 2,789,954
NONOMURA, KAZUHIKO 2,754,702
NORAMCO, INC. 2,671,518
NOVAK, ROBERT 2,773,954
NOVAKOVIC, ZORAN 2,676,255
NOVAREMED LTD. 2,717,692
NOVARTIS AG 2,589,500
NOVOPRESS GMBH PRESSEN UND PRESSWERKZEUGE & CO. KG 2,768,427
NOVOTNY, JAN 2,759,464
NSEREKO, VICTOR 2,881,263
NSEREKO, VICTOR 2,882,512
NSEREKO, VICTOR 2,882,532
NUGTEREN, ROBERT 2,781,365
NUIJENS, JOHANNES HENRICUS 2,632,400
NYCE, PHILIP L. 2,843,066
O'BRIEN, WILLIAM G. 2,747,553
O'DELL, GREGORY S. 2,511,231
O'LEARY, JEREMIAH PETER 2,676,255
O'LEARY, PAUL 2,718,101
O'NEIL, KEVIN 2,774,622
O'SULLIVAN, FRANK 2,780,770
OBA, YOSHIHIRO 2,663,428
OCEAN SPRAY CRANBERRIES, INC. 2,811,404
OCUGENICS, LLC 2,767,044
ODELL, PETER G. 2,774,623
ODELL, PETER G. 2,774,656
ODELL, PETER G. 2,775,192
ODELL, PETER G. 2,775,430
OERLIKON TEXTILE GMBH & CO. KG 2,769,794
OFFRINGA, RIENK 2,431,500
OGDEN, ORVAL D. 2,680,782
OGURA, KOUKI 2,806,691
OH, JUNG SUK 2,801,312
OINAS, PEKKA 2,721,165
OKAMOTO, TOMOFUMI 2,908,452
OKAWARA, ICHIRO 2,845,777
OKHAMAFE, AUGUSTUS 2,682,598
OKUDA, HIROYUKI 2,831,441
OKUMURA, TAKAKO 2,754,702
OLD DOMINION UNIVERSITY 2,533,116
OLESEN, CLAUS LINDING 2,899,973
OLESEN, ROBERT L. 2,636,157
OLIA, HAMID 2,788,196
OLIMAC S.R.L. 2,722,473
OLIVER, JASON DAVID 2,721,944
OLTHETEN, ERIK 2,820,001
OMACHRON INTELLECTUAL PROPERTY INC. 2,899,653
OMNITRACS, LLC 2,775,819
OMS INVESTMENTS, INC. 2,903,655
ONCOSCIENCE AG 2,535,856
ONCOTHERAPY SCIENCE, INC. 2,616,497
ONO, EIKI 2,861,419
ONO, KEI 2,878,225
ONO, KEI 2,886,571
ONO, MAKOTO 2,791,505
OOHASHI, KENGO 2,862,780
OP-HYGIENE IP GMBH 2,875,087
OPHARDT, HEINER 2,875,087
OPPENHEIMER, DANIEL I. 2,682,598
OPTIMUS LICENSING AG 2,615,534
ORAL HEALTH AUSTRALIA PTY LTD 2,693,695
ORAYA THERAPEUTICS, INC. 2,666,366
ORBELL, CHARLES R. 2,867,384
ORCHID PHARMA LIMITED 2,715,069
ORDWAY, DAVID CARLTON 2,865,136
ORTEN, PAL 2,841,031
OSADA, KENSUKE 2,804,815
OSAWA, KAZUHIKO 2,845,777
OSRAM SYLVANIA INC. 2,803,304
OSTERMAN, ROSS ALAN 2,831,792
OTSUKA PHARMACEUTICAL CO., LTD. 2,862,193
OTTENHOF, TOM H. M. 2,431,500
OTTOW, NATHAN WESLEY 2,606,278
OURA, MITSUHIRO 2,906,774

OUTOTEC (FINLAND) OY 2,860,867
OUTOTEC (FINLAND) OY 2,875,904
OUTOTEC (FINLAND) OY 2,875,907
OUYANG, CHIH-HUNG 2,868,662
OWEN, MICHAEL JAMES 2,713,984
OWEN, STEVEN E. 2,698,208
OYAKAWA, DAVILO 2,693,575
OYAMA, KAZUHIKO 2,678,542
OZCAN, AYDOGAN 2,658,526
PACEY, KENDALL LEE 2,836,860
PACK, PETER 2,229,043
PACKARD, MICHAEL B. 2,670,789
PAILLARD, PASCAL 2,655,752
PAILLET, LAURE HELENE MARIE 2,711,387
PAINTER, GEORGE R. 2,713,105
PAJEL, CARISSA 2,860,921
PALAU PHARMA, S.A. 2,709,650
PAN, KUANG-HUNG 2,666,366
PANDE, PRAVEEN 2,797,689
PANG, YANZHAO 2,825,941
PANIGRAHI, BISWARANJAN 2,770,440
PANKRATZ, VIRGINIA 2,834,461
PARAMESWARAN, VENKATESAN 2,715,069
PAREKH, PREMAL 2,802,136
PARKER, ERIK M. 2,862,392
PARKER, KEVIN KIT 2,641,446
PARKS, CHRISTOPHER LEE 2,799,469
PARKVALL, STEFAN 2,703,252
PARRI, JONATHAN MARC 2,780,393
PARSCHE, FRANCIS EUGENE 2,807,852
PARSON, WILLIAM EUGENE 2,604,050
PARSON, WILLIAM EUGENE 2,820,295
PARSONS, DAVID 2,632,939
PARSONS, JOHN C. 2,807,183
PASCAL, OLIVIER 2,683,048
PASQUERO, JEROME 2,821,787
PASSAFARO, MARCO S. 2,586,925
PASTUSEK, PAUL E. 2,770,232
PATCHETT, JOSEPH A. 2,679,590
PATTON, WAYNE FORREST 2,797,689
PAUL HARTMANN AKTIENGESELLSCHAFT 2,741,322
PAUL, CHRISTOPHER R. 2,609,097
PAUL, SAURAV 2,626,833
PAULET, BRYAN A. 2,800,593
PAULEY, DEVIN BERTRUM 2,774,977
PAULSON, BRADLEY ALAN 2,677,643
PAYNE, LLOYD JAMES 2,721,944
PAYNE, PHILIP W. 2,802,188
PAYNE, ROY 2,653,861
PAYNE, ROY 2,653,890
PEEBLES, PATRICK WILLIAM 2,682,372
PEGG, ALBERT MURRAY 2,794,158
PELLETT, SABINE 2,850,531
PELTON, GREGORY D. 2,520,652
PELUSO, STEPHANE 2,673,995
PERCIVAL, STEVEN L. 2,632,939
PEREZ, JUAN R. 2,430,836
PERFORMANCE PLANTS, INC. 2,684,417
PERI, ANDREA 2,839,714
PERIGEN, INC. 2,707,312
PERKINS, WALTER R. 2,703,179
PETEREIT, HANS-ULRICH 2,769,152
PETERSEN, CHRIS 2,817,576
PETROWELL LIMITED 2,692,230
PFEIFFER, HEINRICH 2,768,427
PFEIFFER, STEVEN 2,754,698
PFIZER INC. 2,808,116
PHAN, KIEU THI-BICH 2,699,776
PHARMING INTELLECTUAL PROPERTY BV 2,632,400
PHIFER, JERRY ALLEN 2,604,050
PHIFER, JERRY ALLEN 2,820,295
PHILIP MORRIS PRODUCTS S.A. 2,698,547
PHILIP MORRIS PRODUCTS S.A. 2,707,001
PICKETT, NIGEL 2,693,281
PIEPER, FRANK 2,632,400
PIERIS AG 2,713,557
PIERS, PATRICIA A. 2,709,105
PIERS, PATRICIA ANN 2,697,969
PIKE, BRENDAN 2,725,223
PINDER, ELLIS A. 2,798,802
PINTER, JONATHON H. 2,559,209
PIONEER HI-BRED INTERNATIONAL, INC. 2,881,263
PIONEER HI-BRED INTERNATIONAL, INC. 2,882,512
PIONEER HI-BRED INTERNATIONAL, INC. 2,882,532
PIPE RESTORATION TECHNOLOGIES, LLC 2,674,439
PIPKIN, JAMES D. 2,728,386
PITTERNA, THOMAS 2,702,445
PLANCHER, JEAN-MARC 2,708,372
PLANMAN, JUKKA 2,615,729
PLANMAN, TUOMAS 2,615,729
PLE, PATRICK 2,726,508
PLETTENBURG, OLIVER 2,728,128
PLOUVIER, BETRAND M.C. 2,586,925
PLUCKTHUN, ANDREAS 2,229,043
POGUE-CALEY, REBECCA 2,602,434
POLIBIOTECH SRL 2,742,759
POLITI, GIOVANNI 2,742,759
POLNIASZEK, RICHARD 2,754,698
POLZIN, JED DOUGLAS 2,648,448
POLZIN, JED DOUGLAS 2,648,449
PONSFORD, ANTHONY M. 2,847,013
POON, ALEX D. 2,465,935
PORCO, ANTONIO 2,682,770
PORSCH, ULRICH 2,751,282
PORTE, ALAIN 2,709,331
PORTE, ALAIN 2,710,445
PORTER, JESSE CALE 2,836,860
POSSEMIERS, SAM 2,733,551
POSTER, SCOTT 2,845,841
POTTEIGER, DAVID 2,430,836
POTTER, GREGORY 2,891,748
POULOSE, AYROOKARAN JOSEPH 2,796,436
POWER, SCOTT D. 2,677,643
PPG INDUSTRIES OHIO, INC. 2,818,172
PPG INDUSTRIES OHIO, INC. 2,850,310
PPG INDUSTRIES OHIO, INC. 2,858,186
PRAXAIR TECHNOLOGY, INC. 2,789,755
PRC-DESOTO INTERNATIONAL, INC. 2,860,921
PREMARK FEG L.L.C. 2,600,796
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,641,446
PRESS-SEAL GASKET CORPORATION 2,838,554
PRESTA, LEONARD G. 2,437,161
PRIMETALS TECHNOLOGIES AUSTRIA GMBH 2,693,003
PRINGLE, DOUGLAS 2,674,456
PRISM MEDICAL LTD. 2,891,809
PROCIW, PHILIP JAMES 2,791,577
PROCYSHYN, CHRISTOPHER A. 2,717,667
PROMAT INC. 2,781,365
PROULX, DAVID RENE 2,735,117
PRUD'HOMME-LACROIX, PIERRE 2,871,393
PRZYBYLA, MARK 2,845,841
PULLEN, JONATHAN 2,551,964
PURDY, CIARAN 2,698,554
PURDY, CLAY 2,892,875
PURSELL, EARL JOSEPH 2,518,924
PURYEAR, HARRY 2,626,833
PYRON, ROGER 2,799,895
QI, JIWEI 2,650,273
QIU, XIAO 2,573,972
QMAST LLC 2,592,491
QUALCOMM INCORPORATED 2,574,281
QUALCOMM INCORPORATED 2,720,322
QUALCOMM INCORPORATED 2,778,642
QUESTA DESIGN LTD. 2,715,948
QVANTEQ AG 2,729,883
RABUS, RALF 2,691,799
RAFFLE, HAYES 2,774,466
RAGUNATHAN, KALIAPPA G. 2,818,172
RAGUNATHAN, KALIAPPA G. 2,858,186
RAILKAR, SUDHIR B. 2,709,653
RAITANO, ARTHUR B. 2,462,653
RAJAGOPAL, SRIRAM 2,715,069
RAJAIAH, JAYANTH 2,773,738
RAMACHANDRAN, UMA 2,715,069
RAMAKRISHNAN, SRIVIDYA 2,653,344
RAMER, SANDRA W. 2,677,643
RAMOT AT TEL AVIV UNIVERSITY LTD. 2,619,725
RAO, NARAYANA 2,815,637
RAQUALIA PHARMA INC. 2,761,639
RASHID, ALI N. 2,850,310
RASMUSSEN, MADS PETER 2,899,973
RAUGUTH, BRAD 2,712,014
RAYTHEON CANADA LIMITED 2,847,013
RE, DANIEL 2,788,989
REATA PHARMACEUTICALS, INC. 2,721,837
REDDY, GADDAM OM (DECEASED) 2,715,069
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,702,366

REGENTS OF THE UNIVERSITY OF MINNESOTA 2,906,774
REGRUT, JON A. 2,707,001
REICHENBACH, FRANK 2,841,031
REID, ANTHONY WALTON 2,711,550
REID, MONICA L. 2,720,108
REID, STEVE 2,692,230
REINDERS, GEURT 2,820,897
RELIANCE CONTROLS CORPORATION 2,807,608
REMBOUTSIKA, EUMORPHIA 2,691,071
REN, BO 2,856,309
RENNER, ROSS 2,806,570
REPETTO, ROBERT ANTHONY 2,518,924
RESEARCH IN MOTION LIMITED 2,796,613
RESEARCH TRIANGLE INSTITUTE 2,623,702
RESTIFO, NICHOLAS P. 2,674,445
RETTELBACH, NIKOLAUS 2,796,292
REUNANEN, JARMO 2,721,165
REVELLE, GLENDA 2,774,466
REYES, JR. ALFREDO M. 2,860,921
REYNOLDS, ERIC CHARLES 2,693,695
RICE, SHAWN 2,754,543
RICHARD STANLEY MICHAEL FENTON, JAN FENTON, AND HUGH SIMON LINDO AS TRUSTEES OF LA STRADA NO. 2 TRUST 2,700,764
RICHARDSON, JOHN 2,840,801
RICHTER, HANS 2,708,372
RICHTER, HENNING 2,655,135
RICOH COMPANY, LTD. 2,806,257
RICOH COMPANY, LTD. 2,854,278
RIEBEL, PETER 2,653,344
RIELDA SERRATURE S.R.L. 2,786,769
RIES, LIONEL 2,683,048
RINNAI AMERICA CORPORATION 2,624,038
RIVA, ANTONELLA 2,718,384
RIVALSI, KENNETH J. 2,609,097
ROBAK, GLEN 2,862,392
ROBERT BOSCH GMBH 2,722,332
ROBERTS, JESSE 2,642,206
ROBIC, NICOLAS 2,664,544
ROBIDOUX, GERARD E. 2,617,923
ROBILLIARD, JULIEN 2,796,292
ROCHE, CHRISTOPHER P. 2,754,581
ROCKWOOL INTERNATIONAL A/S 2,730,454
RODRIGUES, THIERRY 2,685,067
RODRIGUES, TOMMY F. 2,709,653
RODRIGUEZ, LUIS 2,803,114
ROGERS, DONALD SCOTT 2,895,195
ROGERS, RICHARD 2,809,961
ROGNIN, NICOLAS 2,624,608
ROHRBACKER, DAVID A. 2,713,829
ROLLAND, MATTHIEU 2,707,659
ROLOVIC, RADOVAN 2,803,114
ROMERO, JAN ANTOINETTE C. 2,650,273
RONCHI, MASSIMO 2,718,384
RONK, WARREN ROSAL 2,716,993
ROOT FOUR IMAGINATION INC. 2,720,857
ROSE, GEORDIE 2,853,583
ROSE, SCOTT DOUGLAS 2,752,972
ROSENBERG, STEVEN A. 2,674,445
ROSS, ALEXANDER STEVEN 2,894,983
ROSSI-ESPAGNET, JAMES C. 2,715,495
ROSSOLINI, GIAN MARIA 2,624,923
ROTHMAN, MARTIN T. 2,711,745
ROTTER, THOMAS 2,719,732
ROUT, TAPAN KUMAR 2,789,925
ROWAN, DARREL JEFFREY 2,648,449
ROWSELL, BRYAN 2,671,729
RUBICON GENOMICS, INC. 2,559,209
RUDAKOV, TARAS 2,769,329
RUDOLF, MARIAN 2,774,368
RUEEDI, GEORG 2,679,069
RUEEDI, GEORG 2,679,071
RUEEDI, GEORG 2,713,187
RUEEDI, URS 2,625,122
RUFFOLO, FRANK 2,712,183
RUHTER, MARTIN LAVERN 2,648,448
RUHTER, MARTIN LAVERN 2,648,449
RUIJTER, WOUT 2,854,384
RUSSELL, VICTORIA 2,671,729
RUTHERFORD, WILLIAM 2,881,263
RUTHERFORD, WILLIAM 2,882,512
RUTHERFORD, WILLIAM 2,882,532
SAARIO, RAMI 2,875,904
SAARIO, RAMI 2,875,907
SABET, SAMEH A. 2,773,883
SACRIPANTE, GUERINO G. 2,775,200
SAH, PRATIKA 2,846,238
SAILRAIL AUTOMATED SYSTEMS INC. 2,519,730
SAINDRENAN, GUY 2,655,752
SAITO, MASATO 2,814,492
SALVANO, SERGIO 2,754,795
SAMANTA, SATYA 2,752,614
SAMBHWANI, SHARAD DEEPAK 2,778,642
SAMETI, MOHAMMAD 2,728,975
SAMSUNG ELECTRONICS CO., LTD. 2,760,668
SAMUELSON, CHRISTOPHER AARON 2,651,147
SANDHOLZER, MARTINA 2,891,748
SANKER, LOWELL ALAN 2,812,028
SANO, MASAKI 2,861,419
SANOFI PASTEUR VAXDESIGN CORPORATION 2,655,405
SANOFI-AVENTIS 2,728,128
SAPPANIMUTHU, THIRUNAVUKKARASU 2,715,069
SAPPEY, ANDREW D. 2,748,793
SARGEANT, JOHN B. 2,808,778
SARTIPI, SIAMAK 2,791,714
SATTERFIELD, MARKUS R. 2,442,629
SATTERFIELD, SCOTT M. 2,757,220
SAUDI ARABIAN OIL COMAPNY 2,856,132
SAUDI ARABIAN OIL COMPANY 2,847,593
SAWYER, TOMI K. 2,650,273
SAXENA, SANJEEV 2,715,069
SCARLETT, PETER 2,847,013
SCHEIBLHOFER, RICHARD 2,830,099
SCHIEBER, ANDREW T. 2,703,280
SCHLESIER, JAN 2,788,196
SCHLUMBERGER CANADA LIMITED 2,803,114
SCHLUMBERGER CANADA LIMITED 2,808,011
SCHMALZ, FRANK 2,702,080
SCHMID, REMY 2,849,139
SCHMIDGALL, JON A. 2,653,292
SCHMITZ, CHRISTOPH 2,728,975
SCHNEIDER, CURT 2,754,543
SCHNEIDER, RON 2,721,662
SCHNEIDER, UWE 2,865,136
SCHOENBACH, KARL H. 2,533,116
SCHOENENBERGER, MARTIN 2,788,196
SCHOENMAEKERS-WELTERS, MARIA JOHANNA PHILOMENA 2,431,500
SCHOETTEL, REMY 2,706,128
SCHRELL, ANDREAS 2,750,792
SCHRIER, CARLA CHRISTINA 2,717,969
SCHULLER, ROBERT J. 2,600,796
SCHULTE, FRANZ 2,781,545
SCHULTZ, GARTH J. 2,824,713
SCHULZE, JOACHIM 2,734,102
SCHWAIGER, WOLFGANG 2,693,689
SCHWANDT, SHELDON TERRY 2,791,674
SCHWARTZ, JUSTIN MICHAEL 2,831,792
SCHWARTZ, ROBERT J. 2,430,921
SCHWARZ, OLAF 2,769,794
SCHWARZENBERGER, SIMON 2,891,748
SCHWEITZER, JEFFREY A. 2,622,638
SCHWEITZER-MAUDUIT INTERNATIONAL, INC. 2,715,495
SCIRICA, PAUL 2,637,110
SCOGGINS, SEAN M. 2,809,961
SCORRANO, LUCIO 2,707,391
SCOTT TECHNOLOGIES, INC. 2,604,050
SCOTT TECHNOLOGIES, INC. 2,820,295
SCOTT, LARRY 2,655,135
SCOTT, SHERRYL LEE LORRAINE 2,566,782
SCOTT, SHERRYL LEE LORRAINE 2,735,117
SEBTI, SAID M. 2,671,121
SECURE CONTENT STORAGE ASSOCIATION, LLC 2,714,680
SECUREALERT, INC. 2,617,923
SEDGWICK, LEIGH M. 2,757,220
SEEKER, WILLIAM RANDALL 2,651,147
SEGERS, RUUD PHILIP ANTOON MARIA 2,717,969
SEIN-LWIN, FELICIA P. 2,846,238
SEITO, TSUTOMU 2,671,633

SENIOR, GEOFFERY DAVID 2,725,223
SENSORTRAN, INC 2,791,469
SENSORTRAN, INC. 2,797,827
SEO, JOO-YOUNG 2,801,312
SET-RITE PRODUCTS, LLC 2,664,132
SEXTON, NOEL 2,780,770
SHAFFER, MILO 2,729,376
SHAKESPEARE, WILLIAM C. 2,650,273
SHAMASHKIN, MICHAEL 2,808,116
SHANG, BIN 2,845,417
SHANI, MIKEL 2,891,809
SHANNON, THOMAS GERARD 2,847,064
SHAPIRO, DANIEL CHARLES 2,780,393
SHARAREH, SHIVA 2,588,390
SHARIVKER, OFER 2,693,674
SHARMA, GANAPAVARAPU VEERA RAGHAVA 2,715,069
SHAWVER, MICHAEL JOSEPH 2,834,461
SHE, DONG LIANG 2,780,393
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,465,809
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,670,795
SHELLENBERGER, TIMOTHY J. 2,624,038
SHELTON, MICHAEL 2,795,960
SHENG, TAO 2,586,925
SHENOY, SURESH 2,707,001
SHEPPARD, SCOTT T. 2,666,519
SHERRY, BRUCE 2,551,964
SHETTY, JAYARAMA K. 2,677,643
SHEVKOPLYAS, SERGEY S. 2,641,446
SHI, ZHENCHUN (TONY) 2,875,087
SHIMADA, KAORU 2,761,639
SHIMOKAWA, YOSHIHIKO 2,862,193
SHINOKAWA, MASAHIDE 2,847,316
SHRINERS HOSPITALS FOR CHILDREN 2,674,456
SHY, PERRY 2,836,860
SHYMKUS, ROBERT M. 2,729,341
SIBLEY, GRAHAM EDWARD MORRIS 2,721,944
SIDHU, SACHDEV S. 2,533,297
SIEBERT, JOHN M. 2,728,386
SIEMENS AKTIENGESELLSCHAFT 2,680,308
SIEMENS AKTIENGESELLSCHAFT 2,724,880
SIEMENS ENERGY, INC. 2,808,778
SIEMENS SAS 2,768,151
SIES, HELMUT 2,634,127
SILVA, ANTHONY A 2,849,749
SILVA, DENIVALDO GONCALVES DA 2,658,888
SIMOENS, AMELIE 2,685,067
SIMONNET, YVAN RENE FERDINAND 2,668,558
SINGH, AMIT PAL 2,802,136
SINGH, INDERPAL 2,655,405
SINGH, JANAK 2,653,344
SINSAWAT, ANUCHAI 2,718,500
SIRINYAN, KIRKOR 2,674,669
SIRJEAN, JEAN-LOUIS 2,656,492
SITES, ANGUS 2,777,768
SKELLY, MARY G. 2,719,883
SKINNER, JAMES W. 2,838,554
SKIPPER, NEAL 2,729,376
SLACK, MAURICE WILLIAM 2,764,238
SLATER, ALAN GEORGE 2,496,870
SLIMKO, MARK A. 2,672,730
SLING MEDIA PVT LTD 2,815,637
SLING MEDIA PVT LTD. 2,770,440
SMART SPUDS INC. 2,807,681
SMART SURGICAL APPLIANCES LTD. 2,627,611
SMILEY, BRENDA K. 2,881,263
SMILEY, BRENDA K. 2,882,512
SMILEY, BRENDA K. 2,882,532
SMITH, BRENT ALLEN 2,648,448
SMITH, JOHN EDWARD 2,693,596
SMITH, PATRICK J. 2,829,524
SMITH, ROY G. 2,430,921
SMYTHE, ALEXANDER C. 2,442,629
SNECMA 2,648,907
SNECMA 2,716,543
SNECMA PROPULSION SOLIDE 2,659,982
SNEEK, BRIAN 2,823,482
SNOONIAN, JOHN R. 2,843,066
SOLGAARD, OLAV 2,624,790
SOLIVA SOLIVA, ROBERT 2,709,650
SOLOMON, BEKA 2,619,725
SOLVAY USA INC. 2,655,135
SON, YEON-SONG 2,849,849
SONAR, SANDIP SATISH 2,898,435
SONDEX LIMITED 2,688,329
SONG, HAIFENG 2,655,405
SONG, XIAOHONG 2,759,182
SORENSEN, THOMAS J. 2,829,524
SOTH, MICHAEL 2,708,361
SOUERS, ANDREW J. 2,759,182
SOUTER, PHILLIP FRANK 2,796,436
SPASOJEVIC, MIRJANA 2,774,466
SPECK, JAMES A. 2,824,713
SPERSCHNEIDER, RALF 2,796,147
SPIEHL, REGINA 2,676,255
SPIELBAUER, ANNETTE 2,881,263
SPIELBAUER, ANNETTE 2,882,512
SPIELBAUER, ANNETTE 2,882,532
SREEKRISHNA, KOTI TATACHAR 2,812,028
SRIDHAR, GARUD 2,803,114
SRINIVAS, VISWESWARA AKELLA SATYA SURYA 2,715,069
ST. JUDE MEDICAL, ATRIAL FIBRILLATION DIVISION, INC. 2,622,638
ST. JUDE MEDICAL, ATRIAL FIBRILLATION DIVISION, INC. 2,626,833
STAHL, KARL-HERMANN 2,809,043
STAHL, WILHELM 2,634,127
STAMICARBON B.V. 2,600,771
STANDRIDGE, WILLIAM ELLIS 2,836,860
STANGA, MARIO 2,597,538
STARCHER, LOREN K. 2,777,768
STATOIL PETROLEUM AS 2,757,650
STE D'APPLICATIONS TECHNOLOGIQUES DE L'IMAGERIE MICRO-ONDE 2,664,544
STEFFEN, ROBERT B. 2,596,876
STEFFL, MICHAEL 2,760,090
STEGAMAT, REZA 2,655,135
STEGEMANN, BERTOLD 2,860,867
STEININGER, MILES F. 2,853,583
STEPHENSON, STANLEY V. 2,833,944
STEVENS, JASON 2,781,365
STEVENS, RICHARD B. 2,671,795
STEWART, TIMOTHY 2,437,161
STIESDAL, HENRIK 2,680,308
STIESDAL, HENRIK 2,724,880
STOLLER, DAVID E. 2,653,292
STONE WALL S.R.O. 2,736,894
STONEHOUSE, NOEL JOHN ORLAND 2,821,787
STOTLER, DONALD G. 2,680,782
STRAUB, HENRY C., JR. 2,789,316
STRAUS, DON 2,458,802
STROBUSH, VICTOR H. 2,774,920
STROHL, WILLIAM R. 2,666,679
STRUCTURAL INTEGRITY TECHNOLOGIES INC. 2,792,976
STUDER, JOHN HENRY 2,709,936
STUDY, ROBERT S. III 2,732,505
STUTMAN, DAN 2,843,311
SUGIURA, SEIJI 2,815,344
SUGUITANI, NESTOR B. 2,906,774
SUI, WENKE 2,781,545
SULLIVAN, GERARD 2,759,182
SULLIVAN, NIGEL 2,519,730
SULTENFUSS, DANIEL R. 2,807,852
SULZER METCO AG 2,625,122
SUMITOMO CHEMICAL COMPANY, LIMITED 2,737,232
SUN, TONG 2,559,209
SUNADA, CRAIG 2,698,208
SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC. 2,896,478
SUNDARAM, ARATHI 2,802,188
SUNDARAMOORTHI, RAJESWARI 2,650,273
SUNDARARAMAN, SHANKAR 2,770,232
SUNFISH STUDIO, LLC 2,822,125
SUPERIOR INDUSTRIAL SERVICES 2,682,770
SURENDRAN, NARAYANAN 2,715,069
SURIVET, JEAN-PHILIPPE 2,679,069
SURIVET, JEAN-PHILIPPE 2,679,071
SURIVET, JEAN-PHILIPPE 2,713,187
SURJAATMADJA, JIM B. 2,833,944
SURYO, RONALD 2,900,794
SUVOROV, ALEXANDER V. 2,666,519
SWANSON, LARRY WILLIAM 2,653,861
SWANSON, LARRY WILLIAM 2,653,890
SWEENEY, WILLIAM R. 2,707,001
SWINSON, JOEL 2,710,218

SYMBOL TECHNOLOGIES, INC. 2,609,097
SYNGENTA PARTICIPATIONS AG 2,702,445
SYNGENTA PARTICIPATIONS AG 2,759,278
SZCZEPANSKI, KEITH G. 2,797,899
SZEKELY, KENNETH 2,658,211
SZEKELY, KENNETH EUGENE 2,755,566
SZENDEROWICZ, MARK LOUIS 2,647,628
TABAROVSKY, LEONTY A. 2,827,217
TADIPARTHI, RAVIKUMAR 2,715,069
TAHARA, HIDEAKI 2,616,497
TAKACS, KRISTOF 2,713,787
TAKAHASHI, KENZO 2,829,183
TAKAISHI, MASANAO 2,737,232
TAKE, YUKINORI 2,754,702
TAKEDA, TSUYOSHI 2,845,777
TAKEMOTO, SHINICHIRO 2,845,777
TAKEOKA, KENJI 2,647,628
TAMINCO FINLAND 2,721,165
TANAKA, YUJI 2,849,667
TANOURY, GERALD J. 2,843,066
TAO, ZHI-FU 2,759,182
TAPIA, WILLIAM J. 2,773,921
TARR, NELSON D. 2,790,220
TARRIER, BRENDAN J. 2,559,209
TARTER, KEVIN J. 2,717,059
TATA STEEL LIMITED 2,789,925
TATA STEEL NEDERLAND TECHNOLOGY BV 2,789,925
TATSUMI, MASAHIKO 2,806,691
TAUBER, ANDREI 2,726,346
TAUBER, SHACHAR 2,767,044
TAYLOR, MARTIN A. 2,829,090
TAYLOR, SVEN 2,708,372
TCHEREPANOVA, IRINA 2,602,434
TECHNIP FRANCE 2,823,900
TECHNOLOGIES HOLDINGS CORP. 2,898,603
TECHSPACE AERO S.A. 2,707,409
TEGG, TROY 2,626,833
TELCORDIA TECHNOLOGIES, INC. 2,663,428
TELEFLORA, LLC 2,724,481
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,703,252
TENDYRON CORPORATION 2,887,380
TEPP, WILLIAM HOWARD 2,850,531
TERADAIRA, SHIN 2,736,039
TERASAKI, TAKAYUKI 2,878,225
TERASAKI, TAKAYUKI 2,886,571
TEREX MHPS GMBH 2,781,545
TERMANINI, ZAFER 2,791,856
TERMANINI, ZAFER 2,838,556
TERRY, STEPHEN E. 2,783,633
TESA SE 2,665,015
TESMER, TIM 2,559,209
TESSIER, VIRGINIE 2,664,544
TETZLAFF, STEVEN K. 2,832,959
TEW, JOHN G. 2,655,405
THACKER, PRADEEP 2,694,184
THAKUR, DIPENDER RAVINDRA 2,898,435
THALLER, MARIA CRISTINA 2,624,923
THAO, CHOU 2,626,833
THARA, SATHYA NARAYANA 2,715,069
THATCHER, DARREN 2,892,875
THE BABCOCK & WILCOX COMPANY 2,639,596
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,624,790
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BREDEMEYER, NIELS 2,930,469
BREHM, LUDWIG 2,930,911
BRODERICK, KATE 2,930,695
BROOKINGS, DANIEL CHRISTOPHER 2,930,754
BROOKINGS, DANIEL CHRISTOPHER 2,930,866
BROOM, COLIN 2,930,544
BROWN, DONALD E. 2,930,381
BROWN, JULIEN ALISTAIR 2,930,866
BROWN, JULIEN ALISTAIR 2,930,912
BRUMMER, MIRKO 2,930,786
BRUNETTI, FRANCESCA 2,930,385
BRUNING, ELIZABETH 2,930,726
BRYANT, PAUL SHERWOOD 2,930,863
BSN MEDICAL, INC. 2,930,692
BUCHANAN, JEFFERY JAMES 2,930,734
BUCKLEY, BRENDAN 2,930,525
BUCKS, DANIEL 2,930,395
BUEKER, KARSTEN 2,930,463
BUGNANO, LUCA 2,930,822
BUHLER GMBH 2,930,638
BUIS, JEROEN 2,930,381
BUNKER, RONALD SCOTT 2,930,613
BURDEN, TIMOTHY L. 2,930,880
BUTTERS, BRIAN E. 2,930,521
BYRNE, BARRY J. 2,930,872
BYRNE, MATTHEW 2,930,892
BYRNE, SUSAN M. 2,930,828
CABILLI, ALBERTO 2,930,822
CADABAM, NAGESH PRADHAN 2,930,415
CAGLIANI, MICHELA 2,930,385
CAI, QINGFENG 2,930,444
CAIN, ROBERT JONATHAN 2,930,435
CALIX LTD 2,930,437
CALIXTE, LAURENT 2,930,766
CALL, JUSTIN 2,930,708
CALL, JUSTIN 2,930,805
CALLE, MARIOLA 2,930,843
CALLE, MARIOLA 2,930,848
CAMPBELL, LACHLAN 2,930,453
CANN, KEVIN J. 2,930,657
CANTO, CRISTIANE APARECIDA FURTADO 2,930,724
CAO, YANG 2,930,585
CAPITAINE, THIERRY 2,930,373
CAPLAN, JAY 2,930,612
CARAYON, CAROLINE 2,930,486
CARDONE, GIORGIO 2,930,385
CAREBAY EUROPE LTD 2,930,782
CARKIN, GERALD E. 2,930,388
CARLSON, STEVEN 2,930,892
CARNEVALE, MATTHEW 2,930,441
CARNS, LAWRENCE 2,930,792
CARPENTER, CHRISTOPHER M. 2,930,699
CARTER, PHILIP JOHN 2,930,374
CASANELLAS PENALVER, GLORIA 2,930,508
CASAS, VICTOR 2,930,411
CASTANHO, ERIKA 2,930,724
CASTEEL, STEVEN 2,930,564
CAVENDER-BARES, KENT 2,930,849
CAYMAN CHEMICAL COMPANY INCORPORATED 2,930,574
CAYZER, JENNIFER 2,930,927
CECAVA, MICHAEL 2,930,871
CEKORICH, ALLEN 2,930,856
CELLECTIS 2,930,784
CENTRE LUXEMBOURGEOIS DE RECHERCHES POUR LE VERRE ET LA CERAMIQUE (C.R.V.C.) SARL 2,930,394
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS 2,930,370
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS 2,930,371
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,930,895
CERFF, ROBERT 2,930,838
CERUOLO, MELISSA 2,930,740
CEVALLOS, BOLIVAR 2,929,168
CEVALLOS, BOLIVAR 2,929,170
CFPH, LLC 2,930,867
CHAKRADHAR, ANURAG 2,930,319
CHALAUD, SEBASTIEN 2,930,368
CHAMBOURNIER, GILLES 2,930,574
CHANDESHWARI, CHILAMPALLI SHIVANI 2,930,565
CHANG, KAI-JUI 2,930,403
CHANG, WEN-AN 2,930,782
CHANG, YAO-FU 2,930,795
CHARLES, KELCEY N. 2,930,467
CHAUDHARY, BHARAT I. 2,930,854
CHAVEZ, ALEJANDRO 2,930,829
CHEN, CHING-SHIH 2,930,606
CHEN, HSUEH-YI 2,930,782
CHEN, QI 2,930,687
CHEN, QINGSHOU 2,930,581
CHENDAMARAI KANNAN, ARUMUGAM 2,930,862
CHENEY, DANIEL F. 2,930,938
CHERNOSKY, JOHN 2,930,667
CHERNOSKY, JOHN 2,930,668
CHESTNA, PETER JOHN 2,930,833
CHEVET, FANNY 2,930,924
CHIARA, FABIO 2,930,851
CHIKUGO, HAYATO 2,930,361
CHIN, SHOOK-FONG 2,930,410
CHIVUKULA, PADMANABH 2,930,602
CHO, HANGYU 2,930,899
CHOI, DAEKYU 2,930,850
CHOI, JINSOO 2,930,899
CHONG KUN DANG PHARMACEUTICAL CORP. 2,930,850
CHOU, JANICE J. 2,930,872
CHUA, JIN SHUN ANTHONY 2,930,516
CHUCHALIN, ALEXANDER GRIGORIEVICH 2,930,231
CHUN, JINYOUNG 2,930,899

CHURCH, GEORGE M. 2,930,828
CHURCH, GEORGE M. 2,930,829
CHUTER, TIMOTHY A.M. 2,930,545
CIEL MEDICAL, INC. 2,930,662
CILAG GMBH INTERNATIONAL 2,930,905
CILLIERS, JOHANNES 2,930,792
CIPRIANY, BENJAMIN 2,930,832
CIPRIANY, BENJAMIN 2,930,834
CITTERIO, FILIPPO 2,929,608
CITTERIO, GIORGIO CELESTE 2,929,608
CLARIANT INTERNATIONAL LTD. 2,930,791
CLARK EQUIPMENT COMPANY 2,930,583
CLARK, AARON DAVID 2,924,507
CLARK, GINA THERESA 2,924,507
CLARK, PHILLIP TODD 2,930,692
CLOSSET, ETIENNE 2,930,932
CLOSSET, ETIENNE 2,930,933
CLPH, LLC 2,930,598
COFFEY, MATTHEW C. 2,930,629
COFFMAN, CHUNLING GU 2,930,534
COFFMAN, CHUNLING GU 2,930,537
COHEN, ADAM E. 2,930,832
COLD SPRING HARBOR LABORATORY 2,930,859
COLLAZO, DOEL 2,930,860
COLLETIER, JACQUES-PHILIPPE 2,930,895
COLLINO, SEBASTIANO 2,930,913
COLLINS, LARRY WAYNE 2,930,692
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,930,812
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,930,895
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 2,930,788
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 2,930,918
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 2,930,921
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 2,930,922
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 2,930,931
CONSTRUCTION RESEARCH & TECHNOLOGY GMBH 2,930,818
CONTINENTAL TEVES AG & CO. OHG 2,930,903
COOK, PAUL A. 2,930,552
COOLS, TOON 2,930,690
COOPER-STANDARD AUTOMOTIVE INC. 2,930,883
COORDES, THOMAS 2,930,787
COPE, MELINDA S. 2,929,324
CORISTA LLC 2,930,715
COUGHLIN, MARY 2,930,395
COURTESY PRODUCTS, L.L.C. 2,929,058
COURTNEY, BRIAN 2,930,648
COUSSIOS, CONSTANTIN-CASSIOS 2,930,815
CRALL, DAVID WILLIAM 2,930,561
CRUM, KYLE A. 2,930,388
CRYSTAL LAGOONS (CURACAO) B.V. 2,930,520
CUEVAS, BRIAN J. 2,930,435
CUMMINS, ROBERT CHADWICK 2,930,596
CUNNINGHAM, ANDREW WILLIAM 2,930,777
CURRY, KENNETH M. 2,930,390
CVITKOVITCH, DENNIS GERARD 2,930,455
CYR, JEAN-MARC 2,930,187
CYR, JEAN-MARC 2,930,188
D'AMATO, GIANFRANCO 2,930,217
DA ROS, VERONIQUE 2,930,373
DACEY, DENISE MARIE 2,929,093
DAGHER, FADI 2,930,635
DAMNJANOVIC, JELENA 2,930,862
DANILAK, RADOSLAV 2,930,379
DASARI, RAJESH 2,930,711
DAUNAIS, THOMAS 2,930,570
DAVIS, ANNA V. 2,930,698
DAVIS, ANNA V. 2,930,727
DAVIS, ANNA V. 2,930,729
DAVIS, STEPHEN J. 2,929,263
DAYNO, JEFFREY 2,930,544
DE HAAS, MARC-JAN 2,930,478
DE VEYLDER, LIEVEN 2,930,690
DEBUSK, BRIAN C. 2,930,714
DEFA AS 2,930,651
DEICKE, JONAS 2,930,048
DELANCEY, JAMES PETER 2,930,613
DELEHOUZE, ARNAUD 2,930,372
DEMARCO, GABRIELLA MARIE 2,930,726
DENIS, MARC L. 2,930,443
DENSO CORPORATION 2,930,502
DERMARCHE LABS, LLC 2,930,556
DEROYAL INDUSTRIES, INC. 2,930,714
DESGARDIN, NANCY 2,930,486
DESGARDIN, NANCY 2,930,488
DESSEAUX, CAROLE 2,930,784
DETNET SOUTH AFRICA (PTY) LIMITED 2,929,332
DEY, BARNA 2,930,587
DHARWAD, HARSH 2,930,830
DI CARLO, ALDO 2,930,385
DI TOMASO, EMMANUELLE 2,930,359
DIBIASI, MICHAEL 2,930,878
DIBIASI, MICHAEL 2,930,881
DIJCK VAN, MICHAEL ALPHONSUS CORNELIS JOHANNES 2,930,509
DILLON, NICHOLAS 2,930,635
DISAIA, ANTHONY 2,930,720
DJAMER, ABDENOUR 2,930,932
DJAMER, ABDENOUR 2,930,933
DOBOSY, JOSEPH R. 2,930,595
DODGE, JAMES C. 2,930,429
DONATI S.P.A. 2,930,916
DONATI, ARMANDO 2,930,916
DONATUCCI, MARK 2,929,324
DONDERICI, BURKAY 2,930,399
DONDERICI, BURKAY 2,930,531
DONG, LIANG 2,930,410
DORSCHU, MARKO 2,930,501
DORSHOW, RICHARD B. 2,930,387
DOSSEY, AARON T. 2,929,177
DOTAN, IDIT 2,930,441
DOUBLER, ROBERT L. 2,930,566
DOUCETTE, DAVID 2,930,844
DOUGLAS, DELWYN 2,930,747
DOUROS, BRYAN PHIL 2,929,618
DOW GLOBAL TECHNOLOGIES LLC 2,930,698
DOW GLOBAL TECHNOLOGIES LLC 2,930,727
DOW GLOBAL TECHNOLOGIES LLC 2,930,729
DOW GLOBAL TECHNOLOGIES LLC 2,930,854
DOWLESS, KAYLA 2,930,634
DRAPER, INC. 2,930,432
DROVER, CHRISTOPHER 2,930,425
DSM IP ASSETS B.V. 2,929,745
DSM IP ASSETS B.V. 2,930,501
DSM IP ASSETS B.V. 2,930,509
DUBOIS, JEROME 2,930,373
DULING, IRL 2,930,466
DUNCAN, DAVID R. 2,930,405
DUNN, ANDREW 2,930,910
DUNNINGTON, CLAIRE AFTON 2,930,804
DURAND, JAMES 2,930,851
DURSTELER LOPEZ, JUAN CARLOS 2,930,508
DYKSTRA, JASON D. 2,930,384
DYKSTRA, JASON D. 2,930,386
DYKSTRA, JASON D. 2,930,397
DYKSTRA, JASON D. 2,930,523
E.I. DU PONT DE NEMOURS AND COMPANY 2,929,608
EARNEY, JOHN 2,930,802
EASTMAN, SCOTT W. 2,930,599
EASTON HOCKEY, INC. 2,929,263
EATON CORPORATION 2,924,507
EATON CORPORATION 2,930,860
EBOIGBODIN, KEVIN 2,930,786
EDGERTON-BALL, SUSAN 2,930,663
EDWARDS, RICHARD H. 2,930,517
EICHLER, PAUL 2,930,932
EICHLER, PAUL 2,930,933
EIFLER, RENE 2,929,295
EILOS, ISTO 2,930,797
EISENBEIS, CLYDE T. 2,930,742
EISNER, NOAH ANTHONY 2,930,415
EIZEN, MICHA 2,930,858
EL YACOUBI, MAALAININE 2,930,188
EL-NAGGAR, OMAR 2,930,632
ELI LILLY AND COMPANY 2,930,596

ELLIS, BRIAN MICHAEL 2,930,571
ELWHA LLC 2,930,697
EMPCO (CANADA) LTD. 2,930,457
ENDOCYTE, INC. 2,930,581
ENDRES, GREGORY WILLIAM 2,930,574
ENDRES, RAYMOND EDWARD 2,930,532
ENGELHARDT, MICHEL 2,930,524
ERDMANN, JEREMY J. 2,930,398
ERDMANN, JEREMY J. 2,930,401
ERDMANN, JEREMY J. 2,930,458
ERGE, ONEY 2,930,541
ERICKSON, HANS K. 2,930,599
ERIKSSON, MAGNUS 2,930,375
ERIKSSON, MAGNUS 2,930,377
ESBE AB 2,930,376
ESCO CORPORATION 2,930,699
ESCOBAR, JUAN CARLOS 2,930,804
ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE) 2,930,766
ETHICON, LLC 2,929,093
EURENCO 2,930,486
EURENCO 2,930,488
EVANS, DOUGLAS 2,930,809
EVEREADY BATTERY COMPANY, INC. 2,930,564
EVEREADY BATTERY COMPANY, INC. 2,930,610
EVEREADY BATTERY COMPANY, INC. 2,930,701
EVERSULL, CHRISTIAN SCOTT 2,930,598
EVONIK DEGUSSA GMBH 2,930,476
EVONIK DEGUSSA GMBH 2,930,731
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,930,442
F. HOFFMAN-LA ROCHE AG 2,930,505
F. HOFFMANN-LA ROCHE AG 2,930,870
F. HOFFMANN-LA ROCHE AG 2,930,926
F. HOFFMANN-LA ROCHE AG 2,930,928
F. HOFFMANN-LA ROCHE AG 2,930,934
FACEBOOK, INC. 2,930,532
FACEBOOK, INC. 2,930,554
FAHEY, SEAN ANTHONY 2,930,876
FAIRBANKS, NEAL 2,930,764
FAKTOROVICH, DMITRIY 2,930,701
FALAHATI, RUSTOM 2,930,886
FALLER, ALFRED J. 2,930,434
FAN, CHUNGPENG 2,930,615
FANGROW, THOMAS F. 2,930,733
FARNES, KNUT ARIL 2,930,654
FARRELL, HEIDI SERENE 2,930,804
FARREN, ALEXANDER 2,930,861
FEDIJ, VICTOR 2,930,574
FEKETE, DEREK SHANE 2,930,923
FELKINS, BRANDON MCNARY 2,930,552
FERNANDEZ MARTIN, FELIX 2,929,733
FERNO-WASHINGTON, INC. 2,930,706
FERREIRA, JOSE 2,930,394
FERRIGNO, MICHAEL 2,930,832
FERRIGNO, MICHAEL 2,930,834
FIEDLER, ALAN 2,930,878
FILIPPOV, ANDREY 2,930,235
FILIPPOV, ANDREY 2,930,237
FINCANTIERI S.P.A. 2,930,820
FIORE, STEFANO 2,930,615
FISCHMANN TORRES, FERNANDO BENJAMIN 2,930,520
FISHER CONTROLS INTERNATIONAL LLC 2,930,742
FISHER, SUSAN 2,930,687
FISHOVITZ, ANTHONY J. 2,930,860
FISS, ELLEN H. 2,930,926
FITZGIBBON, JAMES J. 2,930,825
FJALESTAD, KJETIL 2,930,653
FLAHERTY, J. CHRISTOPHER 2,930,612
FLAHERTY, R. MAXWELL 2,930,612
FLASHBACK TECHNOLOGIES, INC. 2,930,593
FLASHBACK TECHNOLOGIES, INC. 2,930,702
FLEURY, PASCAL 2,930,188
FLY, GERALD 2,930,851
FOLINO GALLO, GIOACCHINO 2,930,821
FORG, CHRISTIAN 2,930,796
FORMA THERAPEUTICS INC. 2,930,414
FORSTER, KARIN 2,930,911
FORT, SEBASTIEN 2,930,370
FORT, SEBASTIEN 2,930,371
FOSTER WHEELER USA CORPORATION 2,930,434
FOURNIER, DAVID 2,930,369
FOWLES, ROBERT 2,930,603
FRACTYL LABORATORIES, INC. 2,930,612
FRANCI, XAVIER 2,930,479
FRANCIS, ADRIAN RONALD 2,930,420
FRANK, MARCUS 2,930,394
FRANKE, HANSHERMANN 2,929,295
FRANKOVICH, STEVE 2,930,844
FRANSON, CLAIRE J. 2,930,488
FRASER, CAMERON 2,930,522
FRED HUTCHINSON CANCER RESEARCH CENTER 2,930,847
FREDAX AB 2,930,493
FREDRIKSEN, MORTEN 2,930,653
FREE FOCUS SYSTEMS, LLC 2,930,413
FREEMAN, GLENN 2,930,538
FRESTA, MASSIMO 2,930,821
FRIEDEL, MELANIE 2,930,895
FRIESTH, KEVIN LEE 2,930,794
FRIPP, MICHAEL LINLEY 2,930,527
FRITSCH, CHRISTINE 2,930,359
FROEHLICH, THOMAS 2,930,505
FROEHNER, STEFANIE 2,930,505
FU, YUCHENG 2,930,760
FUJI OIL HOLDINGS INC. 2,930,510
FUJIKURA, LTD. 2,930,504
FUJIMOTO, HIROKI 2,930,636
FUJITA, SOSHI 2,930,636
FUJIWARA, YASUNORI 2,930,840
FUKAE, TAKURO 2,930,897
FULLGALSS, INC. 2,930,580
FUNAHASHI, RAYMOND 2,930,590
FURIKOMA, MICHITAKA 2,930,888
FURIKOMA, MICHITAKA 2,930,891
GADDIPATI, SATHISH KUMAR 2,930,542
GAGLE, MICHAEL D. 2,930,381
GAIKWAD, RAHUL RAMCHANDRA 2,930,717
GAJJI, BHARGAV 2,930,717
GALDERMA RESEARCH & DEVELOPMENT 2,930,930
GALDERMA SA 2,930,909
GALES, NICOLAS 2,930,583
GAMAUF, CHRISTIAN 2,930,791
GANE, PATRICK A.C. 2,930,789
GANONG, RAY 2,930,322
GANTENBEIN, DANIEL 2,930,789
GARCIA, DAVID HARRY 2,930,532
GARRETT, MARY KATHERINE 2,930,662
GAST, JOHN C. 2,930,604
GASTOR, JON 2,930,409
GAUTHIER, DONALD R., JR. 2,930,585
GE AVIATION SYSTEMS LIMITED 2,930,490
GE AVIATION SYSTEMS LLC 2,930,524
GE HEALTHCARE LIMITED 2,930,479
GE OIL & GAS ESP, INC 2,930,696
GE OIL & GAS ESP, INC. 2,930,660
GEHRMANN, STEFAN 2,930,451
GEIERSTANGER, BERNHARD 2,930,614
GENCAGA, ORHAN DENIZ 2,930,388
GENENTECH, INC. 2,930,687
GENENTECH, INC. 2,930,870
GENERAL ELECTRIC COMPANY 2,930,561
GENERAL ELECTRIC COMPANY 2,930,571
GENERAL ELECTRIC COMPANY 2,930,613
GENOVESE, MARK 2,930,615
GENZYME CORPORATION 2,930,429
GERMA, MARIE-CAROLINE 2,930,359
GERMAIN, CHRISTOPHER 2,930,492
GERSHENZON, MIKHAIL 2,930,388
GHAFFARI, ROOZBEH 2,930,740
GHANEM, MUSTAFA H. 2,930,587
GILLETT, KEVIN 2,930,415
GIOVANNONE, PASQUALE J. 2,930,434
GIRARD, JOHN M. 2,930,917
GLANZ, MICHAEL 2,930,048
GLAUKOS CORPORATION 2,930,390
GLENN, PAUL E. 2,930,832
GLENN, PAUL E. 2,930,834
GLINA, YAN 2,930,468
GLOBAL BIOENERGIES 2,930,530
GOB, BIANCA 2,930,779
GODON, THIERRY 2,930,813
GOH, STEPHANIE PEI YII 2,930,882
GOLLER, IMRE MICHAEL 2,930,898
GONZALEZ, JUAN M. 2,929,168
GONZALEZ, JUAN M. 2,929,170
GOODE, MARK G. 2,930,657
GOOGLE INC. 2,930,543
GORDON HOLDINGS, INC. 2,930,664

GORR, GILBERT 2,930,767
GOSKI, DANA 2,930,720
GOSKONDA, VENKAT R. 2,930,565
GOSS, RICHARD 2,930,492
GOSSELIN, FRANCIS 2,930,870
GOTO, TAKAMICHI 2,930,360
GRAF, DAVID M. 2,930,699
GRAHAM, KEITH 2,930,873
GRAINSENSE OY 2,930,511
GREENBERG, PHILIP D. 2,930,847
GRIFFIN, BRUCE M. 2,930,739
GRIFFIN, BRUCE M. 2,930,769
GRIGOLON, LISANNE BEATRIZ 2,930,724
GROSSMAN, JAN 2,930,478
GROUNDPROBE PTY LTD 2,930,453
GRUDIC, GREGORY ZLATKO 2,930,593
GRUDIC, GREGORY ZLATKO 2,930,702
GRUNEWALD, JAN 2,930,614
GSTACH, PETER 2,930,694
GUENAT, CHRISTIAN 2,930,932
GUENAT, CHRISTIAN 2,930,933
GUNDY,RAYMOND P., II 2,930,860
GUNN, EUEN THOMAS GRAHAM EKMAN 2,930,726
GUO, LILI 2,930,596
GUO, YANGHUI 2,930,444
GUPTA, AMAR 2,930,928
GUPTA, SUNEEL 2,930,410
GURNEY, JODI P. 2,930,573
GUTTRIDGE, DENIS 2,930,606
GYARFAS, BRETT J. 2,930,832
GYARFAS, BRETT J. 2,930,834
GYARFAS, BRETT J. 2,930,836
HAAKANA, RAMI 2,930,907
HACINI-RACHINEL, FERIEL 2,930,909
HAFFNER, DAVID S. 2,930,390
HALLIBURTON ENERGY SERVICES INC. 2,930,528
HALLIBURTON ENERGY SERVICES, INC. 2,930,384
HALLIBURTON ENERGY SERVICES, INC. 2,930,386
HALLIBURTON ENERGY SERVICES, INC. 2,930,397
HALLIBURTON ENERGY SERVICES, INC. 2,930,399
HALLIBURTON ENERGY SERVICES, INC. 2,930,523
HALLIBURTON ENERGY SERVICES, INC. 2,930,526
HALLIBURTON ENERGY SERVICES, INC. 2,930,527
HALLIBURTON ENERGY SERVICES, INC. 2,930,529
HALLIBURTON ENERGY SERVICES, INC. 2,930,531
HALLIBURTON ENERGY SERVICES, INC. 2,930,717
HALLIBURTON ENERGY SERVICES, INC. 2,930,853
HALLIBURTON ENERGY SERVICES, INC. 2,930,856
HALLIBURTON ENERGY SERVICES, INC. 2,930,857
HALLIDAY, ANDREW 2,930,765
HAMACHER, MICHAEL 2,930,048
HAMMELRATH, JOHANNES 2,929,706
HAMMILL, JOHN E., SR. 2,930,566
HAN, IL-WOOK 2,930,363
HAN, YOUNGHUE 2,930,850
HANCOCK, NATHAN T. 2,930,425
HANCOCK, STEPHEN HOYT 2,930,844
HANDY, PETER JAMES 2,930,490
HANKE, PAUL 2,930,871
HANLEY, STEVEN J. 2,930,387
HANSEN, VIGGO 2,930,838
HARBAN, SCOTT 2,930,696
HARDING, SETH 2,930,718
HARIRI, ROBERT J. 2,930,573
HARLANDER, FLORIAN 2,924,894
HARRIS, DANIEL T. 2,930,847
HARRIS, DANIEL T. 2,930,852
HARRISON, IAN ROSS 2,930,388
HART, JOHN 2,930,553
HARTFELDER, TERESA 2,929,236
HASTINGS, ROGER NOEL 2,930,892
HAVENSTRITE, KAREN L. 2,930,552
HAYES, DANN 2,930,707
HEADER, GREGORY A. 2,930,823
HEBBLEWHITE, HARRY 2,927,335
HECKENMULLER, HARALD 2,930,767
HEDAYAT, KAYVAN 2,930,553
HEEREN, TAMMO 2,930,406
HEINDL, DIETER 2,930,505
HEINZ, GERARD JOSEPH, II 2,929,588
HEITZMANN, HAROLD A. 2,930,390
HELEN OF TROY LIMITED 2,930,804
HELLER, DONALD F. 2,930,417
HELM, ZACHARY 2,930,425
HELMER, DAVID BENJAMIN 2,930,613
HENDRIKSE, JAN 2,930,642
HENDRY, FNU 2,930,446
HENRIO, PHILIPPE 2,930,813
HERAKLES 2,930,486
HERAKLES 2,930,488
HERB, STACY 2,930,573
HERBERTZ, TORSTEN 2,930,414
HERING, KIRK WILLIAM 2,930,574
HERNANDEZ CASTANEDA, MARTHA 2,930,766
HIGGINS, BRIAN SAYRE 2,930,649
HIGH, DONALD RAY 2,930,601
HILDEBRAND, GINGER 2,930,534
HILDEBRAND, GINGER 2,930,537
HILDEBRAND, GINGER 2,930,541
HILF, STEFAN 2,930,476
HILL, BRENDON 2,930,878
HILL, BRENT JAMES 2,930,876
HILTI AKTIENGESELLSCHAFT 2,930,694
HILTI AKTIENGESELLSCHAFT 2,930,796
HINER, STEPHEN DAVID 2,930,863
HOELTING, KEITH ALLEN 2,930,578
HOEMAN, TIMOTHY A. 2,930,668
HOEY, MICHAEL 2,930,892
HOFFER, JOAQUIN ANDRES 2,930,809
HOFFMANN, PETER 2,930,775
HOFFMANN, PETER 2,930,882
HOHMANN, LUKAS 2,930,477
HOIKKANEN, MAIJA 2,930,907
HOLT, JASON 2,930,937
HOMMINGA, JOZEF SIEGFRIED JOHANNES 2,929,745
HOOVER, ROGER 2,930,805
HORSEMAN, SAMANTHA 2,930,889
HORTH, ROLAND 2,930,844
HOSPIRA, INC. 2,930,830
HOTTA, NOBUYUKI 2,930,893
HOWMEDICA OSTEONICS CORP. 2,930,577
HOYT, TIMOTHY 2,930,720
HRAPOVIC, SABAHUDIN 2,930,192
HRUBY, DENNIS E. 2,930,461
HUANG, XIAOHONG 2,930,615
HUAWEI TECHNOLOGIES CO., LTD. 2,930,652
HUGHES, MICHAEL FRANKLIN 2,930,696
HUGHES, MICHAEL, FRANKLIN 2,930,660
HUH, KANG MOO 2,930,533
HULETT, RANDY 2,930,844
HULME, GARY B. 2,930,662
HUMPHREY, GUY R. 2,930,585
HUNZA HOLDINGS LIMITED 2,930,777
HUPPERT, GILBERT LEE 2,930,740
HUTCHINSON, JOHN HOWARD 2,930,735
HUTCHINSON, JOHN HOWARD 2,930,737
HWANG, CHIH-CHAU 2,930,806
HWANG, SUNG-HEE 2,920,150
HWANG, SUNG-OH 2,920,150
HYDE, RODERICK A. 2,930,697
HYNES, RONALD T., JR. 2,930,381
ICON CLINICAL RESEARCH LIMITED 2,930,525
ICU MEDICAL INC. 2,930,733
IDING, HANS 2,930,870
IENARI, TOORU 2,930,768
IFP ENERGIES NOUVELLES 2,930,370
IFP ENERGIES NOUVELLES 2,930,371
IHI CORPORATION 2,930,888
IHI CORPORATION 2,930,891
IHLE, CAROLINE 2,930,633
IKEDA, NOBUHISA 2,930,361
IKEDA, RIE 2,930,897
IKEHATA, YOSHITOMO 2,930,360
ILLINOIS TOOL WORKS INC. 2,930,398
ILLINOIS TOOL WORKS INC. 2,930,401
ILLINOIS TOOL WORKS INC. 2,930,443
ILLINOIS TOOL WORKS INC. 2,930,456
ILLINOIS TOOL WORKS INC. 2,930,458
ILLUMINA, INC. 2,930,802
IMAM, JAAFER S. 2,930,795
IMCLONE LLC 2,930,599
IMMUNEXPRESS PTY LTD 2,930,925
IMMUNOGEN INC. 2,930,599
IMPAX LABORATORIES, INC. 2,930,410

INABINETT, JAMES M. 2,929,236
INDO OPTICAL S.L. 2,930,508
INOUE, TOMOMI 2,930,510
INOVIO PHARMACEUTICALS, INC. 2,930,695
INSYS PHARMA, INC. 2,930,565
INTEGRATED DNA TECHNOLOGIES, INC. 2,930,595
INTERACTIVE INTELLIGENCE, INC. 2,930,381
INVISTA TECHNOLOGIES S.A.R.L. 2,930,382
INVISTA TECHNOLOGIES S.A.R.L. 2,930,467
IRIKAWA, HIDEAKI 2,930,636
ISAACS, ARTHUR 2,930,707
ISHIKAWA, MURIEL Y. 2,930,697
ISIS INNOVATION LIMITED 2,930,815
ISMAN, MARSHALL ALAN 2,929,618
ITOH, TETSUJI 2,930,585
IUCF-HYU (INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY) 2,930,843
IUCF-HYU (INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY) 2,930,848
IVENIX, INC. 2,930,396
IVENIX, INC. 2,930,428
IVENIX, INC. 2,930,431
IVERSON, BEN 2,930,853
IVERSON, ISAAC K. 2,930,467
IVY, MICHELLE A. 2,930,467
IWASAKI, MINETO 2,930,514
IWIG, DAVID F. 2,930,388
J.F. KARSTEN BEHEER B.V. 2,930,229
JACKSON, MICHAEL 2,930,564
JACKSON, VICTORIA ELIZABETH 2,930,499
JACKSON, VICTORIA ELIZABETH 2,930,754
JACKSON, VICTORIA ELIZABETH 2,930,757
JACKSON, VICTORIA ELIZABETH 2,930,866
JACKSON, VICTORIA ELIZABETH 2,930,912
JACOB, GREGOIRE 2,930,658
JAJU, ASHWINKUMAR 2,930,568
JAMES, DALLAS REX 2,930,774
JANAT-AMSBURY, MARGIT MARIA 2,930,533
JANKOWSKI, PEGGY 2,930,775
JANKOWSKI, PEGGY 2,930,882
JASSON, MARTINE 2,930,615
JEAN, LUDOVIC 2,930,895
JELLEY, SIMON PHILIP 2,930,765
JENKINSON, RONAN L. 2,930,662
JEONG, MYEONG HYEON 2,930,227
JEWELL, JACK 2,930,832
JEWELL, JACK 2,930,834
JIANG, FUKANG 2,930,910
JIN, YUNHO 2,930,614
JING, YUSHI 2,930,576
JO, HYE JIN 2,930,843
JO, HYE JIN 2,930,848
JOHNSON & JOHNSON CONSUMER, INC. 2,930,726
JOHNSON, JOHN ANDREW 2,930,844
JOMARD, ANDRE 2,930,909
JONES, CHRIS 2,930,662
JORDAN, RICHARD K. 2,930,468
JORDON, WAYNE 2,930,883
JOSEL, HANS-PETER 2,930,505
JOURNET, MICHEL 2,930,585
JURIS, AMANDA 2,930,844
KABIRI, ALI 2,930,832
KABIRI, ALI 2,930,834
KABIRI, ALI 2,930,836
KAHVEJIAN, AVAK 2,930,665
KAJI, TOMOAKI 2,930,504
KALA, SHARAD 2,930,415
KALOKITIS, DAVID 2,930,914
KAMBEROV, EMMANUEL 2,930,942
KAMBLE, GANESH 2,930,881
KAMINSKI, CLAUDIA 2,930,726
KAMIYA, EIJI 2,930,888
KAMIYA, EIJI 2,930,891
KAMPS, ROLF 2,930,638
KANNER, ABE 2,930,522
KANNO, RYUZO 2,930,888
KANNO, RYUZO 2,930,891
KARE, JORDIN T. 2,930,697
KARSTEN, JOHANNES FRANCISCUS 2,930,229
KASHIMURA, TAKESHI 2,930,090
KATO, MASAHARU 2,930,510
KATOU, KENJI 2,930,502
KATSEV, MAKSYM 2,930,773
KATZ, DOV 2,930,773
KAUFFMAN, GOSS STRYKER 2,930,414
KAUFMANN, CHRISTOF 2,930,638
KAWAGUCHI, NOBUAKI 2,930,840
KAWAMURA, YUKO 2,930,507
KAYSER-BRICKER, KATHERINE J. 2,930,414
KEARL, JACOB 2,930,439
KEEGSTRA, JOHAN 2,930,898
KEEN, BRYAN 2,930,740
KEIL, CHRISTOPH 2,930,903
KENNEDY, DOUGLAS R. 2,930,413
KENNEDY, PHILLIP B. 2,930,413
KENNEDY, STEPHEN A. 2,930,413
KEROBO, CHARLES 2,930,818
KERROUCHE, NABIL 2,930,930
KESSLER, ULRICH 2,930,932
KESSLER, ULRICH 2,930,933
KETTSCHAU, GEORG 2,930,873
KHALAJ, STEVE SAEED 2,930,354
KHALAJ, STEVE SAEED 2,930,356
KHORIAKOV, VITALY 2,930,235
KHORIAKOV, VITALY 2,930,237
KHURANA, HIMANSHU 2,930,415
KIM, DOHOON 2,930,850
KIM, GEUG 2,930,363
KIM, IN HYUK 2,930,227
KIM, JEONG-KIL 2,930,363
KIM, JI-HYE 2,930,230
KIM, JONG-HOON 2,930,230
KIM, JOON 2,930,455
KIM, SOYOUNG 2,930,850
KIM, YUNTAE 2,930,850
KIMETEC GMBH 2,930,633
KIRCHNER, CLAUDIA 2,930,633
KIRCHNER, HANSJORG 2,930,633
KLAR, ULRICH 2,930,873
KLECHNER, JED 2,930,867
KLECKER, GLENN 2,930,844
KLEINSCHMIDT, RALPH 2,930,451
KLEINSCHMIDT, RALPH 2,930,463
KLEINSCHMIDT, RALPH 2,930,469
KLEINSCHMIDT, RALPH 2,930,470
KLEINSCHMIDT, RALPH 2,930,471
KLEINWEE, DICK VAN 2,930,494
KLIACHYNA, MARIA 2,930,895
KNAPP, KEITH 2,930,881
KNIAZEV, SERGE 2,930,522
KNOLL, DAVID 2,930,720
KNOWLEN, CARL 2,930,838
KO, MOOSUNG 2,930,850
KOBAYASHI, FUMINORI 2,930,362
KOBAYASHI, TAKUMA 2,930,362
KOEHLER, ERIC P. 2,930,468
KOFLER, ROBERT 2,924,894
KOJIMA, MAKIKO 2,930,510
KOLBE, BAERBEL 2,930,451
KOLBE, BAERBEL 2,930,471
KOLLER, IZAAK 2,930,844
KONINKLIJKE DOUWE EGBERTS B.V. 2,930,765
KONZEN, NEIL 2,930,773
KOPFENSTEINER, PETER 2,924,894
KOPP, BARBARA J. 2,930,657
KOPPESCHAAR, HANS PETER FREDERIK 2,930,228
KOSONEN, ULLA 2,930,907
KOTOVSKY, WAYNE 2,930,541
KOZAK, BURTON 2,930,447
KRAINER, ADRIAN 2,930,859
KRAMER, PATRICK 2,930,911
KRANZ, DAVID M. 2,930,847
KRANZ, DAVID M. 2,930,852
KRASBERG, NICOLAI 2,930,477
KRASSENBURG, JOLANDA 2,930,494
KRAUS, MICHAEL 2,930,791
KREADER, CAROL 2,930,704
KRISHNAMOORTHY, DINESH 2,930,653
KROEPLIEN, BORIS 2,930,754
KROEPLIEN, BORIS 2,930,757
KROGER, DETLEV G. (DECEASED) 2,930,357
KROMOVA, TATYANA ALEXANDROVNA 2,930,231
KROTOV, DENIS 2,930,463
KROTOV, DENIS 2,930,470
KRUEGER, MATTHIAS PATRICK 2,930,451
KRUEGER, MATTHIAS PATRICK 2,930,470

KRUEGER, MATTHIAS PATRICK 2,930,471
KRUGER, MICHIEL JACOBUS 2,929,332
KRUMM, HOLGER 2,930,882
KSI DATA SCIENCES, INC. 2,930,409
KUBE, MICHAEL 2,930,476
KULP, SAMUEL 2,930,606
KUMAR, DEEPAK 2,930,548
KUMAR, SATISH 2,930,758
KUMMEL, KURT 2,930,903
KUREHA CORPORATION 2,930,362
KWAN, JAMES 2,930,815
L'ETAT (MINISTERE DE LA DEFENSE), REPRESENTE PAR LE DIRECTEUR CENTRAL DU SERVICE DE SANTE DES ARMEES 2,930,895
LACKEY, JEREMY 2,930,832
LACKEY, JEREMY 2,930,834
LACKEY, JEREMY 2,930,836
LAGE, HERBERT 2,930,394
LAHEY, KEVIN 2,930,726
LAI, ANDILIY GOKCHING 2,930,735
LALGUDI, RAMANATHAN S. 2,930,435
LAM, EDMOND 2,930,192
LAM, SOPHIE TRUC 2,930,435
LAMBERT, CHRISTOPHER H. 2,930,416
LAMMINMAKI, URPO JUHANI 2,930,493
LANDMARK GRAPHICS CORPORATION 2,930,235
LANDMARK GRAPHICS CORPORATION 2,930,237
LANG, GARY D. 2,930,917
LANG, JURGEN ERWIN 2,930,731
LANGE, JESPER J. 2,930,772
LANGERMANS, HERMANUS ADRIANUS 2,930,509
LANGMORE, JOHN 2,930,942
LARKIN, PAUL 2,930,707
LARSON, BARRETT J. 2,930,722
LARSSON, PER-AKE 2,930,376
LASCH HOLDING APS 2,930,772
LAVALLE, STEVE 2,930,773
LAVINI, GIANPIERO 2,930,820
LAWLESS, LARRY M. 2,930,769
LAWLESS, LAWRENCE M. 2,930,739
LEAF HEALTHCARE, INC. 2,930,722
LEAMON, CHRISTOPHER P. 2,930,581
LECIP HOLDINGS CORPORATION 2,930,512
LEE, BONG-KEUN 2,930,363
LEE, CHANGSIK 2,930,850
LEE, DONG-RYEOL 2,930,363
LEE, IN-HO 2,930,230
LEE, JACQUELINE AMANDA 2,930,790
LEE, JONG MYOUNG 2,930,843
LEE, JONG MYOUNG 2,930,848
LEE, JUNG TAE 2,930,227
LEE, MOONHEE 2,930,459
LEE, SANG-CHUL 2,930,363
LEE, WOOKBONG 2,930,899
LEE, YOUNG MOO 2,930,843
LEE, YOUNG MOO 2,930,848
LEEFLANG, STEPHEN ARIE 2,930,598
LEHMANN, JURGEN SIEGFRIED 2,930,632
LENON, MARINE 2,930,370
LENON, MARINE 2,930,371
LEONHARD KURZ STIFTUNG & CO. KG 2,930,911
LEPAGE, FRANCIS 2,930,168
LEUNG, CHI WOON 2,930,192
LEUNG, JOHN 2,930,886
LEUNG, STEPHEN 2,930,760
LEVEY, SIMON JOHN MICHAEL 2,930,603
LEVORSEN, OLE HENRIK 2,930,651
LEXMARK INTERNATIONAL, INC. 2,930,734
LG ELECTRONICS INC. 2,930,899
LG HOUSEHOLD & HEALTH CARE LTD. 2,930,230
LI, HANGYUE 2,930,196
LI, TIANWEI 2,930,196
LICHTI, CHRISTOPHER WALTER 2,930,920
LICHTI, GOTTFRIED 2,930,920
LIEBERMAN, PAUL M. 2,930,584
LIENAU, PHILIP 2,930,873
LIFETIME PRODUCTS, INC. 2,930,439
LIIPO, JUSSI 2,930,762
LIM, DONGGUK 2,930,899
LIMAYE, AMIT 2,930,878
LIMOXIFEN B.V. 2,930,228
LINDQUIST, JAMES 2,930,871
LINSENBACH, DEVIN 2,930,580
LIU, HAO 2,930,712
LIU, LEO Z. 2,930,604
LIU, LI 2,930,587
LIU, PHILIP K. 2,930,558
LIU, XIAOHE 2,930,550
LO, MING-KEI KEITH 2,930,426
LOFGREN, JOSEPH B. 2,930,849
LONERGAN, DAVID 2,930,735
LONERGAN, DAVID 2,930,737
LONG, FEI 2,930,444
LONKVIST, TORBJOM 2,930,376
LOPEZ, HECTOR L. 2,929,666
LORENTE RODA, JOSU 2,929,786
LORENTE RODRIGUEZ, SABINE 2,930,494
LORTHOIS, AURELIEN 2,930,373
LOW, PHILIP S. 2,930,581
LOWE, MARTIN ALEXANDER 2,930,757
LTS LOHMANN THERAPIE-SYSTEME AG 2,929,295
LUBRIZOL OILFIELD SOLUTIONS, INC. 2,930,603
LUBRIZOL OILFIELD SOLUTIONS, INC. 2,930,806
LUBRIZOL SPECIALTY PRODUCTS, INC. 2,930,880
LUCAS, JAY 2,930,883
LUGAS, GRANT A. 2,930,611
LUGWIG, DALE L. 2,930,599
LUHMANN, NADIA 2,930,775
LUHMANN, NADIA 2,930,882
LUIGI LAVAZZA S.P.A. 2,930,822
LUKACS, MARC 2,930,648
LUKE, GEORGE P. 2,930,414
LUONG, JOHN H. 2,930,192
LUPPENS, JOHN CHRISTIAN 2,930,534
LUPPENS, JOHN CHRISTIAN 2,930,537
LUTNICK, HOWARD W. 2,930,867
LYNCH, ANDREW 2,930,408
LYTTLE, KEVIN A. 2,930,608
MACH, FRANCOIS 2,930,489
MACKAY, RODERICK IAN 2,930,426
MADRID, PETER E. 2,930,550
MAGILL, BRIAN 2,930,706
MAGNA SEATING INC. 2,930,929
MAHDJOUBI NAMIN, AMIR MEHRDAD 2,930,236
MAHMOUD, HUSSEIN MAHMOUD 2,930,574
MAIDA, JOHN L. 2,930,856
MAILAND, JASON C. 2,930,700
MAITRA, PRITHWIRAJ 2,930,726
MAKI, JUN 2,930,636
MALE, KEITH B. 2,930,192
MALEK, BEHZAD 2,930,752
MALIARIK, MIKHAIL 2,930,761
MALIK, NASIR 2,930,590
MALLADI, DURGA PRASAD 2,930,862
MALLIER, ANTHONY BEVIN 2,930,804
MALLIK, SIDDHARTHA 2,930,862
MAMTANI, VINOD MURLI 2,929,588
MAN RO, YONG 2,930,322
MANDVIWALA, TASNEEM A. 2,930,856
MANOME, YOSHINOBU 2,930,840
MARBACH, RALF 2,930,511
MARCANTONIO, VINCENZO 2,930,816
MARCUCCI, GUIDO 2,930,606
MARCUSEN, DAVID P. 2,930,456
MARGEOT, ANTOINE 2,930,370
MARGEOT, ANTOINE 2,930,371
MARIN, GILDAS 2,930,766
MARISSEN, ROELOF 2,929,745
MARKOWZ, GEORG 2,930,731
MARKS, VANESSA 2,930,615
MARLIERE, PHILIPPE 2,930,530
MARSCHNER, HOLGER 2,930,903
MARSIC, DAMIEN 2,930,549
MARTIN, FRANCOIS-PIERRE 2,930,913
MARTIN, MATTHEW W. 2,930,414
MASSACESI, CRISTIAN 2,930,359
MASTERCARD INTERNATIONAL INCORPORATED 2,930,637
MATA-FINK, JORDI 2,930,665
MATHIAS, PATRICIA ANN 2,930,932
MATHIAS, PATRICIA ANN 2,930,933
MATSON, ERIC 2,930,553
MATSUNO, TAKESHI 2,930,512
MATSUO, AKIKO 2,930,514
MATTHEWS, DAVID JOHN 2,930,886
MATTHEWS, WILLIAM A. 2,930,657
MATTICK, ARTHUR T. 2,930,838
MATURA, MICHAEL 2,930,775
MC10, INC. 2,930,740
MCCRAY, VICTOR WAYNE 2,930,552
MCDANIEL, DAVID H. 2,930,556

MCDONNELL, MARK E. 2,930,584
MCDONOUGH, WILLIAM B. 2,930,883
MCGEER, EDITH G. 2,930,459
MCGEER, PATRICK L. 2,930,459
MCHUGH, LEO CHARLES 2,930,925
MCKAY, SIMON 2,930,750
MCKAY, SIMON 2,930,811
MCKIEVER, JOAN 2,930,571
MCKNIGHT, GARY L. 2,930,697
MCLASKY, NICHILAS VINCENT 2,930,571
MCNALLY, WAYD 2,930,481
MCPHERSON, JERRY L. 2,930,432
MEDITECH ENDOSCOPY LTD 2,930,746
MEDTRONIC XOMED, INC. 2,929,236
MEI, LIJUN 2,930,464
MEIER, LEONHARD 2,930,661
MEISSNER, CHRISTOPH 2,930,469
MEISSNER, CHRISTOPH 2,930,471
MELROSE, JOHN 2,930,765
MELZER MASCHINENBAU GMBH 2,929,057
MERCEY, GUILLAUME 2,930,895
MERCK SHARP & DOHME CORP. 2,930,585
MERCURY ASSET MANAGEMENT CO., LTD. 2,930,840
MERINO LOPEZ, JOSE 2,930,921
MERINO LOPEZ, JOSE 2,930,922
MERINO, JOSE 2,930,788
MERSEN FRANCE AMIENS SAS 2,930,373
MESSICK, TROY E. 2,930,584
MESTDAGH, FREDERIC 2,930,932
MESTDAGH, FREDERIC 2,930,933
METSARINTA, MAIJA-LEENA 2,930,762
MICHATEK, K.S. 2,924,894
MICHELIN RECHERCHE ET TECHNIQUE S.A. 2,930,788
MICHELIN RECHERCHE ET TECHNIQUE S.A. 2,930,918
MICHELIN RECHERCHE ET TECHNIQUE S.A. 2,930,921
MICHELIN RECHERCHE ET TECHNIQUE S.A. 2,930,922
MICHELIN RECHERCHE ET TECHNIQUE S.A. 2,930,931
MICHIGAN TECHNOLOGICAL UNIVERSITY 2,930,570
MICRO MOTION, INC. 2,930,519
MIHALIC, JOE 2,930,883
MIKROSCAN TECHNOLOGIES, INC. 2,930,411
MILBORROW, GARETH 2,930,525
MILLAN, DAVID S. 2,930,414
MILLER, JULIE A. 2,930,423
MILLER, MATTHEW L. 2,930,857
MILLER, PHILIP L 2,930,608
MILLER, ROBIN 2,930,773
MIN, JAEKI 2,930,850
MINAIE, PEDRUM 2,930,910
MINIPUMPS, LLC 2,930,910
MIRI, ALI 2,930,752
MISTRY, MANAV 2,930,711
MITMAKER, ELLIOT JONATHAN 2,930,441
MITTELSTADT, WILLIAM A. 2,930,536
MIZUNO, SHUICHI 2,930,840
MJN U.S. HOLDINGS LLC 2,929,168
MJN U.S. HOLDINGS LLC 2,929,170
MOADDEL, HOMAYOUN 2,930,425
MOHAMMED, HASSAN 2,930,564
MOHR, PATRICK 2,929,295
MOLLA, SHAHNAWAZ HOSSAIN 2,930,655
MONDEN, THOMAS 2,930,796
MONSEN, RONALD 2,930,889
MONTECUCCO, FABRIZIO 2,930,489
MONTOLIU ROURA, IVAN 2,930,913
MOORE, JOSEPH A., III 2,930,712
MOORHOUSE, JOHN H. 2,930,657
MORAN, PETER F. 2,930,425
MORES, INC. 2,930,412
MORGAN, RICHARD A. 2,930,587
MORIKAWA, MIWAKO 2,930,510
MORIKAWA, TETSUYA 2,930,893
MORRIS, JAMES JONATHAN 2,929,588
MORRIS, LOUIS JAMES 2,929,058
MOSAIC TECHNOLOGY DEVELOPMENT PTY LTD 2,930,923
MOSES, SELINA 2,930,726
MOSTOWFI, FARSHID 2,930,655
MOULTON, STEVEN L. 2,930,593
MOULTON, STEVEN L. 2,930,702
MOURAD, ALAIN 2,920,150
MOUSSALLEM, IMAD 2,930,731
MOWERS, STEPHEN 2,930,701
MOXHAM, CHRISTOPHER M. 2,930,599
MSI DFAT LLC 2,930,707
MUCHERIE, JEAN-PHILIPPE 2,930,372
MUFFETT, RUTH 2,930,747
MUHAMMED, ABOEL, HASSAN 2,930,660
MULLIGAN, ISOBEL JANE 2,930,593
MULLIGAN, ISOBEL JANE 2,930,702
MUNDING, CHELSEA 2,930,648
MURE, CLIFF R. 2,930,657
MURPHREE, ZACHARY 2,930,527
MUSSIG, STEFAN 2,930,818
MUTHUMANI, KARUPPIAH 2,930,695
MYERS, RACHEL 2,930,815
MYRIANT CORPORATION 2,930,711
NACHON, FLORIAN 2,930,895
NAKAYA, TADASHI 2,930,360
NALLAGANCHU, BHASKARA RAO 2,930,535
NASH, JOHN 2,930,809
NATHANSON, MARTIN D. 2,930,764
NATIONAL RESEARCH COUNCIL OF CANADA 2,930,192
NATIONAL UNIVERSITY OF SINGAPORE 2,930,516
NAZIF, MARRIA 2,930,543
NAZZARO, DAVID I. 2,930,396
NEATFREAK GROUP INC. 2,930,168
NEBOLSIN, VLADIMIR EVGENIEVICH 2,930,231
NEFF, JEREMY B. 2,930,608
NELSON, TRAVIS 2,930,871
NESTEC S.A. 2,930,792
NESTEC S.A. 2,930,913
NESTEC S.A. 2,930,924
NESTEC S.A. 2,930,932
NESTEC S.A. 2,930,933
NEUHARDT, LYNN D. 2,930,830
NEXEN ENERGY ULC 2,930,632
NG, HENG-JOO 2,930,655
NG, MAH LEE MARY 2,930,516
NGK SPARK PLUG CO., LTD. 2,930,893
NGO, SHYUAN T. 2,929,601
NGUYEN, MINHTHY 2,929,170
NICHOLS, JUDODINE 2,930,388
NICKIAS, PETER N. 2,930,698
NICKIAS, PETER N. 2,930,727
NICKIAS, PETER N. 2,930,729
NIKON-ESSILOR CO., LTD. 2,930,507
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,930,636
NIPPON SUISAN KAISHA, LTD. 2,930,897
NISSAN MOTOR CO., LTD. 2,930,361
NISSHIN STEEL CO., LTD. 2,930,768
NIWAYAMA, MASATSUGU 2,930,090
NOMAKUCHI, TOMOKI 2,930,859
NOON, DAVID 2,930,453
NORGES MILJO- OG BIOVITENSKAPELIGE UNIVERSITET (NMBU) 2,930,641
NORGES MILJO- OG BIOVITENSKAPELIGE UNIVERSITET (NMBU) 2,930,645
NORLING, LENORE 2,930,687
NORMAN, CARNLEY 2,930,634
NOVARTIS AG 2,930,359
NOVARTIS AG 2,930,406
NOVARTIS AG 2,930,614
NOVARTIS AG 2,930,634
NOVOFERM TORMATIC GMBH 2,930,048
NUOVO PIGNONE SRL 2,930,473
NUSSBAUM, VALENTIN 2,930,895
NXTHERA, INC. 2,930,892
NYBOM, GORAN 2,930,234
O'BRYANT, SID E. 2,930,874
O'HARA, STEPHEN PATRICK 2,929,676
O'HARA, STEPHEN PATRICK 2,929,681
OAG, JAMES GEORGE 2,930,750
OAG, JAMES GEORGE 2,930,811
OAKLEY, STEPHEN JOSEPH 2,930,415
OASYS WATER, INC. 2,930,425
OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTIYU "PHARMENTERPRISES" 2,930,231
OCULAR DYNAMICS, LLC 2,930,552
OCULUS VR, LLC 2,930,773
OGREN, BERT 2,930,761
OHIO STATE INNOVATION FOUNDATION 2,930,606
OHIO STATE INNOVATION FOUNDATION 2,930,851

OHLFEST, JOHN R. (DECEASED) 2,930,567
OHTSUKA, NAOMI 2,930,897
OIKAWA, HATSUSHIKO 2,930,636
OKSENGENDLER, ALEX 2,930,538
OKURA, MASAYUKI 2,930,362
OLECHNOWICZ, MICHAEL R. 2,930,880
OLES, MARKUS 2,930,451
OLES, MARKUS 2,930,463
OLES, MARKUS 2,930,469
OLES, MARKUS 2,930,470
OLES, MARKUS 2,930,471
OLIN, MICHAEL R. 2,930,567
OLSON, GARY L. 2,930,535
OMNIBLEND INNOVATION PTY LTD 2,930,920
OMYA INTERNATIONAL AG 2,930,789
ONCOCEUTICS, INC. 2,930,535
ONCODIAG 2,930,719
ONCOLYTICS BIOTECH INC. 2,930,629
OOSTERLINCK, FILIP STEFAN EMIEL 2,930,501
OPTIBIOTIX LIMITED 2,929,676
OPTIBIOTIX LIMITED 2,929,681
OPTIMER PERFORMANCE FIBERS, INC. 2,930,568
ORBITAL SYSTEMS AB 2,930,234
ORBITAL SYSTEMS AB 2,930,236
ORION DIAGNOSTICA OY 2,930,786
ORKIS, STEVEN C. 2,930,388
ORTHO-NUTRA, LLC 2,929,666
ORTIZ, OSCAR 2,929,324
OSRAM SYLVANIA INC. 2,930,538
OTAGO INNOVATION LIMITED 2,930,790
OU, WEIJIA 2,930,614
OUTOTEC (FINLAND) OY 2,930,761
OUTOTEC (FINLAND) OY 2,930,762
OVD KINEGRAM AG 2,930,911
OWCZARZY, RICHARD 2,930,595
OZA, KUNJAL 2,930,881
PACE, CHARLES P. 2,930,715
PAETOW, MARIO 2,930,796
PAK, BRIAN SEJOON 2,930,424
PALIOURAS, MILTIADIS 2,930,441
PALLOTTA, PIERRE 2,930,394
PALOMBA, SERGIO 2,930,473
PANCRATZ, DAVID J. 2,930,938
PAOLINO, DONATELLA 2,930,821
PARHAM, GARTH L. 2,930,581
PARISSAUX, XAVIER 2,930,489
PARKS, SHANNON L. 2,930,388
PARMANEN, ELISA 2,930,659
PARRA, LUIS 2,930,420
PARRA, LUIS 2,930,426
PARTHASARATHY, KRUPAKAR 2,930,516
PATEL, BHAVIK 2,930,587
PAULIN, JEAN-LOUIS 2,930,486
PAULIN, JEAN-LOUIS 2,930,488
PAUTIS, OLIVIER 2,929,110
PAVLOV, ALEXEY 2,930,653
PAXGRID TELEMETRIC SYSTEMS INC. 2,930,764
PAYEN, CORINNE 2,930,369
PAYNE, JOSEPH E. 2,930,602
PEARCE, JOHN DOUGLAS 2,930,521
PEARCE, LLOYD 2,930,819
PEMBERTON, CHRISTOPHER JOSEPH 2,930,790
PEPI, JASON FRANCIS 2,930,561
PEREZ, AARON P. 2,930,830
PEREZ, MARCO V. 2,930,693
PERSILLON, CECILE 2,930,370
PERSILLON, CECILE 2,930,371
PESEK, THOMAS 2,930,742
PETERSEN, KIRSTIN 2,930,873
PETERSON, CHARLES MATTHEW 2,930,533
PETIT, MAUD 2,930,370
PETIT, MAUD 2,930,371
PETITJEAN, MARIE 2,930,812
PETROSKI, ROBERT C. 2,930,697
PHARMACHEMIE B.V. 2,930,898
PHARMAKEA, INC. 2,930,735
PHARMAKEA, INC. 2,930,737
PHILLIP, WILLIAM ANTHONY 2,930,425
PHYTON HOLDINGS, LLC 2,930,767
PICOMETRIX, LLC 2,930,466
PIEHLER, CHRISTIAN 2,930,903
PIERCE, KEITH G. 2,930,608
PILPEL, BENJAMIN D. 2,930,664
PILPEL, EDWARD D. 2,930,664
PINEAU, BRAD D. 2,930,481
PINEAU, JACKY 2,930,788
PINEAU, JACKY 2,930,918
PINTEREST, INC. 2,930,576
PINTO, JOSEPH 2,930,802
PINTSCH BUBENZER GMBH 2,929,706
PLATANIOTIS, KONSTANTINOS 2,930,322
PLOWMAN, GREGORY D. 2,930,599
POCHIC, SEBASTIEN 2,930,637
POELWIJK, FRANCK 2,930,829
POIRIER, NORMAN 2,930,553
POLANS, ARTHUR S. 2,930,864
POLINO, GIUSEPPINA 2,930,385
POLK, MATTHEW 2,930,707
PORTER, JOHN ROBERT 2,930,499
PORTER, JOHN ROBERT 2,930,757
PORTER, JOHN ROBERT 2,930,866
POSCO 2,930,363
POSTREL, RICHARD 2,930,691
POTAK, ROBERT 2,930,706
POTTORF, RICHARD S. 2,930,535
POULOPOULOS, NEKTARIOS 2,930,478
POWELL, ANTHONY L. 2,930,521
POWER SURVEY LLC 2,930,914
POWERS, BENJAMIN 2,930,431
POWERS, BENJAMIN G. 2,930,396
POWERS, BENJAMIN G. 2,930,428
PPG EUROPE B.V. 2,930,749
PPG INDUSTRIES OHIO, INC. 2,930,385
PRAMSTALLER, CHRISTOPH 2,929,706
PRAXAIR TECHNOLOGY, INC. 2,930,608
PRAXAIR TECHNOLOGY, INC. 2,930,917
PRECISION PLANTING LLC 2,929,592
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,930,828
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,930,829
PRESTON, JOHN 2,930,725
PRIEBE, STEVEN 2,930,461
PRONOVOST, CHRISTIAN 2,930,187
PROSHARP INC. 2,930,375
PROSHARP INC. 2,930,377
PROTEUS 2,930,370
PROTEUS 2,930,371
PROVID PHARMACEUTICALS INC. 2,930,535
PSCHERER, BERTRAM 2,930,638
PSMG, LLC 2,930,937
PUEHLER, FLORIAN 2,930,873
PURCELL, DAMIEN 2,930,498
PURDUE RESEARCH FOUNDATION 2,930,402
PURDUE RESEARCH FOUNDATION 2,930,581
PYECROFT, JAMES FREDERICK 2,930,632
QIAN, GANG 2,930,585
QUALCOMM INCORPORATED 2,930,446
QUALCOMM INCORPORATED 2,930,730
QUALCOMM INCORPORATED 2,930,862
QUANTUM-SI INCORPORATED 2,930,832
QUANTUM-SI INCORPORATED 2,930,834
QUANTUM-SI INCORPORATED 2,930,836
QUINCEY, JOANNA RACHEL 2,930,866
R.P.E. S.R.L. 2,930,816
RADIN, ALLEN 2,930,615
RADKE, WILLIAM 2,930,379
RADU, CRISTIAN 2,930,637
RAGON, PHILIPPE 2,930,486
RAGON, PHILIPPE 2,930,488
RAHIMZADEH, TANAZ 2,930,569
RAJAGOPALAN, HARITH 2,930,612
RAMASUBRAMONIAN, ADARSH KRISHNAN 2,930,446
RAMSEY, PETER 2,930,746
RAO, MAHENDRA S. 2,930,590
RAO, MANJEET K. 2,930,795
RAO, SUNDAR MOHAN 2,930,467
RASTALL, ROBERT 2,929,676
RAWE, BENJAMIN VINCENT 2,930,561
RDD PHARMA LTD. 2,930,817
REENTS, REINHARD 2,930,870
REEVES, MATTHEW 2,930,461
REGENERON PHARMACEUTICALS, INC. 2,930,615
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,930,567
REISINGER, CHRISTOPH 2,930,791
REITZ, ALLEN B. 2,930,584
RENARD, PIERRE-YVES 2,930,895
RENDUSARA, DUDI ABDULLAH 2,930,420

RENDUSARA, DUDI ABDULLAH 2,930,426
RENOU, JULIEN 2,930,895
RENZ, CHARLES 2,930,564
RESTORTEARS, LLC 2,930,864
REUTER, HANNO CARL RUDOLF 2,930,357
REUTER, HARDY 2,930,775
REUTER, HARDY 2,930,779
REUTER, HARDY 2,930,882
REYNOLDS, STEVEN CAMPBELL 2,930,809
REYTIER, MAGALI 2,930,812
RICHTER, ANJA 2,930,873
RICOH COMPANY, LIMITED 2,930,770
RICOH COMPANY, LIMITED 2,930,831
RIFAY, MOUHCINE 2,930,358
RIGARDO, ANDREA 2,930,924
RIGATO, FRANCO 2,930,508
RIGBY, ALAN C. 2,930,599
RILEY, JASON DAVID RICHARD 2,930,756
RKW SE 2,930,661
ROBERTS, MARK F. 2,930,468
ROBY, KEITH A. 2,930,667
ROBY, KEITH A. 2,930,668
ROCHE, PHILIP 2,930,441
RODNEY, PAUL F. 2,930,529
RODRIGUEZ, ANDRES 2,930,910
ROECHER, LUTZ 2,930,791
ROGERS, JASON PAUL 2,930,774
ROMANOV, VLADIMIR 2,930,642
ROPERCH, JEAN-PIERRE 2,930,719
ROQUETTE FRERES 2,930,489
ROSE, JACQUELINE 2,930,662
ROSE, SCOTT D. 2,930,595
ROSENBERG, STEVEN A. 2,930,587
ROSHON, MELISSA S. 2,930,435
ROSS, TOMMY C. 2,930,880
ROSTON, EDWARD 2,930,408
ROTHBERG, JONATHAN M. 2,930,832
ROTHBERG, JONATHAN M. 2,930,834
ROTHBERG, JONATHAN M. 2,930,836
ROTTA, DENIS 2,930,822
ROUND, JOHN 2,930,665
ROUSSO, JOHN 2,930,701
ROUX, GUILHEM 2,930,812
ROWBOT SYSTEMS LLC 2,930,849
ROWBOTTOM, MARTIN 2,930,735
ROWE, JOHN L. 2,930,481
RUBICON GENOMICS, INC. 2,930,942
RUBINO, DANTE TOMMASO 2,930,473
RUBIUS THERAPEUTICS, INC. 2,930,665
RUCHTI, TIMOTHY L. 2,930,830
RUNGE, MICHAEL B. 2,930,808
RUNKEL, MARCUS 2,930,762
RUNQUIST, RANDY 2,930,578
RUOTSINSALO, EEVA-LIISA 2,930,659
RUPP, SUSAN M. 2,930,595
RYDLOVSKAYA, ANASTASIA VLADIMIROVNA 2,930,231
SABOURIN, MICHEL 2,930,472
SAFRAN 2,930,813
SAINI, RAJESH K. 2,930,806
SAINT-GOBAIN GLASS FRANCE 2,930,369
SAKUMASU, NAHOKO 2,930,643
SAKURADA, YASUHIRO 2,930,768
SALAMEH, MARK 2,930,580
SALEK, HASAN 2,930,358
SALEM, AYMAN 2,930,412
SALOME, MARC 2,930,489
SAMBASIVAM, MAHESH 2,930,819
SAMSUNG ELECTRONICS CO., LTD. 2,920,150
SAMUEL, MATHEW M. 2,930,806
SAMUEL, N K PETER 2,930,461
SAMUEL, ROBELLO 2,930,528
SAN FILIPPO, JOSEPH 2,930,926
SANKAR-THOMAS, YANTREE DEVI 2,930,767
SANOFI BIOTECHNOLOGY 2,930,615
SANSON, BENOIT 2,930,895
SANTHANAM, NANDHINI NANDIWADA 2,930,415
SANTONI, GIANLUCA 2,930,895
SANTORA, DELORES 2,930,726
SARIOGLU, ALI FATIH 2,930,430
SARRAZIN-HORISBERGER, CELINE 2,930,932
SARRAZIN-HORISBERGER, CELINE 2,930,933
SATO, HIROYUKI 2,930,362
SATO, SEIZO 2,930,897
SATOH, HIROYUKI 2,929,731
SAUDER, DEREK (DECEASED) 2,929,592
SAUDI ARABIAN OIL COMPANY 2,930,889
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC 2,930,518
SAVARESI, SERGIO M. 2,930,474
SAVARI, SHARATH 2,930,857
SAYRE, KRIS 2,930,718
SCAIFE, WALTER N. 2,930,901
SCALONE, MICHELANGELO 2,930,870
SCEATS, MARK 2,930,437
SCHADE, ROSS ARTHUR 2,930,742
SCHAEF, STEVE 2,930,818
SCHARENBERG, ANDREW 2,930,784
SCHARF, MICHAEL E. 2,930,402
SCHAWBEL TECHNOLOGIES LLC 2,930,858
SCHEINER, JUSTIN 2,930,543
SCHERER, MAX 2,930,913
SCHILLER, SHAWN E. R. 2,930,414
SCHLEGEL, REID 2,930,804
SCHLUMBERGER CANADA LIMITED 2,930,420
SCHLUMBERGER CANADA LIMITED 2,930,426
SCHLUMBERGER CANADA LIMITED 2,930,534
SCHLUMBERGER CANADA LIMITED 2,930,537
SCHLUMBERGER CANADA LIMITED 2,930,541
SCHLUMBERGER CANADA LIMITED 2,930,655
SCHLUMBERGER CANADA LIMITED 2,930,658
SCHMID, GERARD 2,930,832
SCHMID, GERARD 2,930,834
SCHMID, GERARD 2,930,836
SCHMIDT, FRIEDRICH GEORG 2,930,476
SCHMITT, THOMAS M. 2,930,847
SCHMOELE, PETER 2,930,451
SCHMOELE, PETER 2,930,463
SCHMOELE, PETER 2,930,469
SCHMOELE, PETER 2,930,470
SCHMOELE, PETER 2,930,471
SCHNELL, CHRISTIAN RENE 2,930,359
SCHOELKOPF, JOACHIM 2,930,789
SCHOENBRUNNER, NANCY 2,930,934
SCHOLLENBERGER, FREDERICK SCOTT 2,930,519
SCHUNK, STEPHAN 2,930,661
SCHUTTE, RUDIGER 2,930,731
SCHWARZ, MATTHEW 2,929,058
SCIENTIST OF FORTUNE S.A. 2,930,530
SCINOPHARM TAIWAN, LTD. 2,930,464
SCOTT, CRAIG W. 2,930,739
SCYNEXIS INC. 2,930,712
SEB IP HOLDINGS LIMITED 2,930,663
SEDA INTERNATIONAL PACKAGING GROUP SPA 2,930,217
SEGIT, ALEXANDER J. 2,930,396
SEGIT, ALEXANDER J. 2,930,428
SEIDEL, HENNING 2,930,661
SEMLER, RUDOLF 2,930,796
SENOL, UNVER 2,930,646
SERDAREVIC, OLIVIA 2,930,417
SERVOLI, EVA 2,930,495
SETHI, AMIT 2,930,402
SETHURAMALINGAM, ARUN PONNIAH 2,930,415
SEVERANCE, WAYNE STANLEY 2,930,551
SHACKNAI, JONAH 2,930,556
SHAFFER, WILLIAM 2,930,718
SHAH, APURVA 2,930,815
SHAH, BHAVINI 2,929,168
SHAH, BHAVINI 2,929,170
SHAPE SECURITY, INC. 2,930,708
SHAPE SECURITY, INC. 2,930,805
SHARP KABUSHIKI KAISHA 2,930,643
SHAUKAT, FAWAD 2,930,730
SHAY, BRIAN 2,930,844
SHEKYAN, SERGEY 2,930,805
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,930,750
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,930,811
SHEN, DANIEL Z. 2,930,722
SHEPPARD, JAMES 2,930,492
SHERIDAN, MARGARET M. 2,930,808
SHERRY, BENJAMIN D. 2,930,585
SHI, DEYI 2,930,652
SHIH, JASON 2,930,910
SHIH, SAM 2,930,543
SHIMAMURA, YASUHIRO 2,930,888

SHINE, JONATHAN 2,930,773
SHIOBARA, SATORU 2,930,504
SHIPLEY, ADRIAN 2,930,490
SHIRE VIROPHARMA INCORPORATED 2,930,544
SHOEI CHEMICAL INC. 2,930,514
SHULOCK, DAMIEN 2,930,577
SICHMANN, MARIANGELA GOMES DE OLIVEIRA 2,930,724
SICKLER, JASON W. 2,930,832
SICKLER, JASON W. 2,930,834
SICKLER, JASON W. 2,930,836
SICOTTE, MARCEL 2,930,577
SIEGEL, FRANZISKA 2,930,873
SIEMIIATKOWSKI, WOJCIECH 2,930,525
SIGA TECHNOLOGIES, INC. 2,930,461
SIGMA-ALDRICH CO. LLC 2,930,704
SIMON FRASER UNIVERSITY 2,930,809
SIMS, COLIN 2,930,867
SINGER, MARC 2,930,844
SINGH, VINAY KUMAR 2,930,756
SIROTA, ERIC B. 2,930,442
SKYERA, LLC 2,930,379
SLIGAR, JESSICA MARIE 2,930,712
SMITH, CLAYTON S. 2,930,806
SMITH, GARRY R. 2,930,584
SMITH, JOHN R. 2,930,388
SMITH, KERN L. 2,930,806
SMITH, RICHARD 2,930,496
SMITH, RYAN D. 2,930,605
SMITH, SHEENA N. 2,930,847
SMITH, SHEENA N. 2,930,852
SMITHS DETECTION MONTREAL INC. 2,930,642
SMITHS MEDICAL ASD, INC. 2,930,421
SNECMA 2,930,368
SNECMA 2,930,813
SNYDER, MARK LESLIE 2,930,543
SOCOLOV, SILVIU 2,930,903
SOE, TUN MIN 2,930,910
SOITEC SOLAR GMBH 2,930,646
SOLENIS TECHNOLOGIES, L.P. 2,930,604
SOLHEIM, LEIF 2,930,871
SORUM, HENNING 2,930,641
SORUM, HENNING 2,930,645
SOTO, PASCALE 2,930,930
SOURDIVE, DAVID 2,930,784
SOUSA FERNANDES, CAROLINA RITA 2,930,886
SPARRE, ERIK 2,930,234
SPARRE, ERIK 2,930,236
SPATARO, LEONE 2,930,821
SPEAKE, JASON DANIEL 2,930,712
SPEX SERVICES LIMITED 2,930,750
SPEX SERVICES LIMITED 2,930,811
SPIEGEL, JONATHAN 2,930,664
SPIESS, ROUVEN 2,930,911
SPINAL LLC 2,930,566
SRI INTERNATIONAL 2,930,550
SRINIVASAN, SUDARSAN 2,930,878
SRINIVASAN, SUDARSAN 2,930,881
ST. CLAIR, LUKE 2,930,554
ST. MARIANNA UNIVERSITY SCHOOL OF MEDICINE 2,930,090
STAMICARBON B.V. 2,930,649
STARBUCKS CORPORATION D/B/A STARBUCKS COFFEE COMPANY 2,930,844
STATOIL PETROLEUM AS 2,930,653
STATOIL PETROLEUM AS 2,930,654
STAUB, RENE 2,930,911
STEELE, DAVID JOE 2,930,526
STEINMETZ, BERNHARD 2,930,775
STEINMETZ, BERNHARD 2,930,779
STEINMETZ, BERNHARD 2,930,882
STELLENBOSCH UNIVERSITY 2,930,357
STEPANYAN, ROMAN 2,930,501
STEVENS, CARL J. 2,930,838
STEYER, DOUGLAS A. 2,930,608
STOESZ, CARL W. 2,930,416
STOGNIEW, MARTIN 2,930,535
STOLLER, JASON 2,929,592
STONERIDGE, INC. 2,930,553
STRAND, SVEN-ERIK 2,930,493
STRAW, SCOTT 2,930,421
STUDHOLME, CHRIS 2,930,322
SU, CHIA-HSIN 2,930,782
SUBBARAYALU, PANNEERDOSS 2,930,795
SUBRAMANIAM, VIJAY NAICKER 2,930,730
SUDA, ERIC 2,930,634
SUGIMOTO, NAOZUMI 2,930,643
SUKEGAWA CHEMICALS CO., LTD. 2,930,639
SUKEGAWA, SUSUMU 2,930,639
SULLIVAN, MICHAEL 2,930,707
SULLIVAN, SEAN 2,930,878
SULLIVAN, SEAN 2,930,881
SULZLE, DETLEV 2,930,873
SUN, ZHIJIE 2,930,384
SUN, ZHIJIE 2,930,386
SUN, ZHIJIE 2,930,523
SUNCAST TECHNOLOGIES, LLC 2,930,407
SUNDAY, STEPHEN P. 2,930,388
SUNNYBROOK HEALTH SCIENCES CENTRE 2,930,648
SURTECO SE 2,930,661
SUZUKI, YASUHIRO 2,930,512
SWARTZ, JEFFREY H. 2,930,381
SYMBORG S.L. 2,929,733
SYNGENTA PARTICIPATIONS AG 2,930,494
TABATADZE, DAVID R. 2,930,562
TAIRA, YASUHIKO 2,930,090
TAKAHASHI, KINYA 2,929,731
TAKAHASHI, SHINYA 2,930,362
TAKAHASHI, TAKEO 2,930,362
TAKEDA, DAIKI 2,930,504
TAKEDOMI, YUKA 2,930,507
TALAVERA, DANIEL 2,930,543
TALBOT, ADAM C. 2,930,414
TAN, YING 2,930,461
TANAKA, HIDEKI 2,930,514
TANGIRALA, SALESH 2,930,706
TARAKI, QUAIS 2,929,588
TARR, PHILLIP I. 2,930,387
TAVORATH, RANJANA 2,930,359
TEICHMANN, CARSTEN 2,930,779
TEIJIN ARAMID B.V. 2,930,478
TEKSLA OY 2,930,659
TELIO NEDERLAND B.V. 2,930,448
TESMER, TIM 2,930,942
THAKKAR, KIRIT A. 2,930,423
THAKKAR, VIRAL 2,930,809
THALES CANADA INC. 2,930,522
THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM 2,930,795
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNVERSITY 2,930,693
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS 2,930,847
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